DIPLOMAT

DENTAL SOLUTIONS

SERVICE MANUAL



DA270, DA280, DA370, DA380

DIPLOMAT DENTAL s.r.o.
Vrbovská cesta 17, 921 01 Piešťany, Slovak Republic

SERVICE MANUAL
DA270, DA280

DIPLOMAT
DENTAL SOLUTIONS









SERVICE MANUAL
DA370, DA380

DIPLOMAT
DENTAL SOLUTIONS



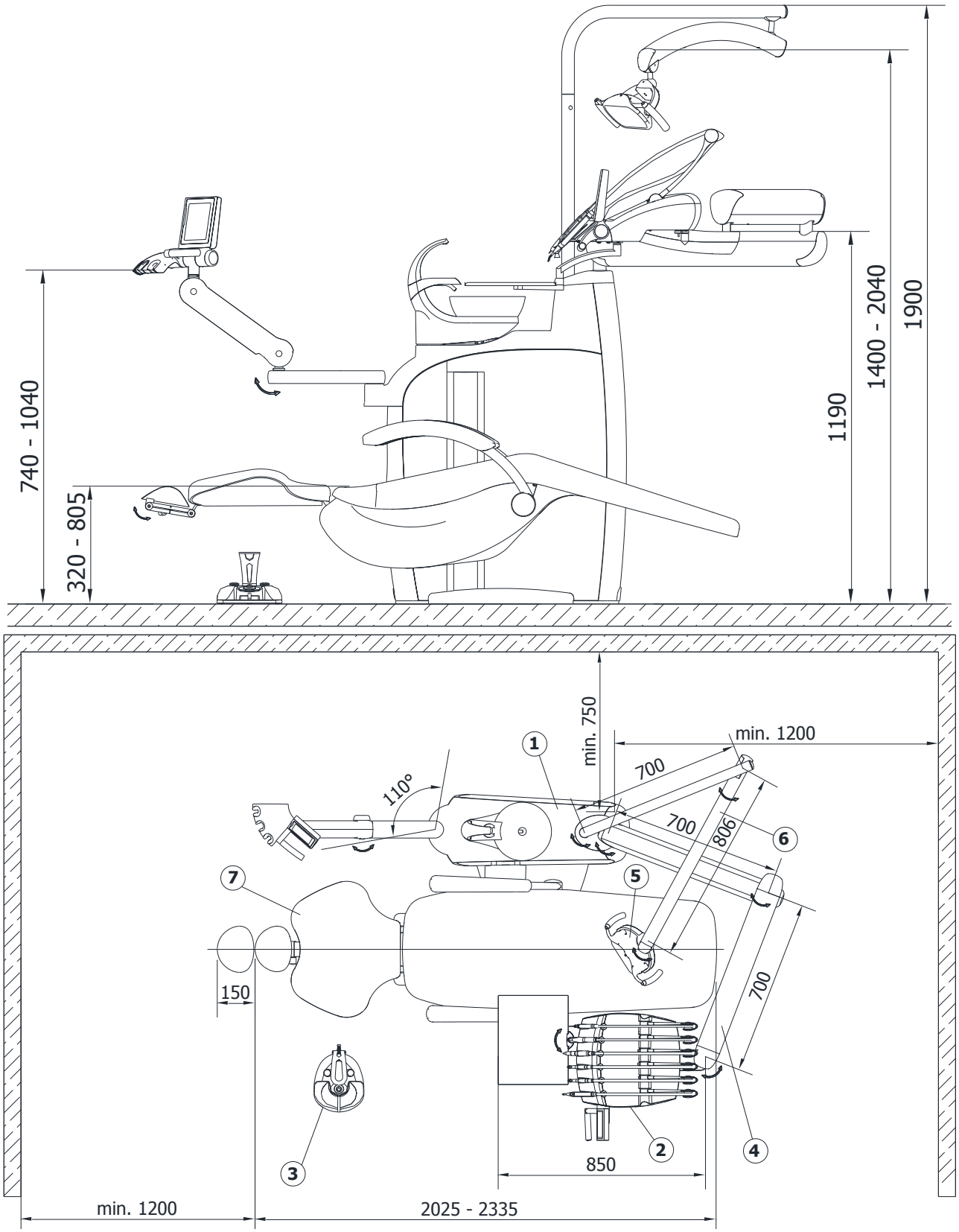
TABLE OF CONTENTS

Main parts of the dental unit 6
Symbols 9
Technical data 9
General conditions 10
Organisation of the manual 11
Ordering spare parts 12
B - SPITTOON BLOCK 14
B1 - Overview of optional parts 14
B2 - Basic configuration 15
B3 - Spittoon block accessories 46
1 - Accessories: Ejector, Suction, Suction controls 46
2 - Dry suction accessories 58
3 - Amalgam separator accessories 63
4 - Wet suction accessories 69
5 - Other accessories 74
C - ASSISTANT'S CONSOLE ARM AND TABLE 93
C1 - Console arm and table 93
C2 - Assistant's console arm accessories 116
D - CONTROL PANEL ARM 127
Instructions to adjust the articulated arm: 138
E1 – DA280 CONTROL PANEL (Bottom hose routing) 139
E1.1 - DA280 (Resistive screen) - V629.28-00-00 139
E1.2 - DA280 (Capacitative screen) - V629.30-00-00 K-001 144
E1.3 - DA280 CART (Resistive screen) - V629.28-00-00.1 148
E1.4 - DA280 CART (Capacitative screen) - V629.30-00-00.1 K-001 152
E1.5 - DA280 - Control panel accessories 163
1 – Syringes 163
2 – Turbine instruments 166
3 – Micro motors 169
4 – USS – Ultra Sonic Scaler (Plaque removal instruments) 178
5 – Curing lamps 192
6 – Cauter 195
7 – Other control panel accessories 197
E2 – DA270 CONTROL PANEL (Upper instrument configuration) 202
E2.1 – DA270 (Resistive screen) V630.28-00-00 202
E2.2 – DA270 (Capacitative screen) V630.30-00-00 K-001 202
E2.3 – DA270 - Control panel accessories 213
1 – Syringes 213
2 – Turbine instruments 216
3 – Micro motors 219
4 – USS – Ultra Sonic Scaler (Plaque removal instruments) 229
5 – Curing lamps 238
6 – Cauter 240
7 – Other control panel accessories 241
E3 – DA380 CONTROL PANEL (Bottom hose routing) 245
E3.1 – DA380 - V636.28-00-00 K-001 245
E3.2 – DA380 CART - V636.28-00-00.1 250
E3.3 – DA380 - Control panel accessories 256
1 – Syringes 256
2 – Turbine instruments 259
3 – Micro motors 263
4 – USS – Ultra Sonic Scaler (Plaque removal instruments) 273
5 – Curing lamps 286
6 – Cauter 288
7 – Other control panel accessories 289
E4 – DA370 CONTROL PANEL (Upper instrument configuration) 293
E4.1 – DA370 - V635.28-00-00 293
E4.2 – DA370 - Control panel accessories 303
1 – Syringes 303
2 – Turbine instruments 306
3 – Micro motors 309
4 – USS – Ultra Sonic Scaler (Plaque removal instruments) 319
5 – Curing lamps 335
6 – Cauter 339
7 – Other control panel accessories 341
F - TRAY TABLES 345

Extended tray table (V620.29-00-00.3) installation procedure for DA270 353
G - ARTICULATED LIGHT ARM 355
H - OPERATING LIGHTS 358
H1 - XENOS fixture 358
H2 - SIRIUS fixture 364
I - LCD MONITOR ARM 368
I1 - Arm without monitor 368
I2 - Arm with monitor (17" or 22") 369
I3 - X-ray, Microscope 375
J - STORAGE TRAY ON ARTICULATED LIGHT ARM 380
K - FOOT CONTROLLERS 384
K1 - Universal foot controller (UNO) 384
UNO – Structural components (identical for all electrical variants) 385
UNO hard-wired – electrical section 390
UNO RF wireless, 2015 model – electrical section 392
UNO RF wireless, 2018 model – electrical section 395
UNO - Battery connection in the foot controller 398
K2 - Combined foot controller (NOK) 399
NOK - V606.04-00-00.2 K-011- hard-wired 400
NOK - V606.04-00-00.2 K-012 - RF (2015 model) 407
NOK - V606.04-00-00.2 K-015 - RF (current 2018 model) 410
NOK - Battery connection in the foot controller 416
K3 – Common components 417
Adjustment of the potentiometer for HARD-WIRED UNO and NOK foot controllers 417
Service instructions for 2015 model UNO and NOK RF foot controllers 418
Service instructions for 2018 model DIPLOMAT UNO and NOK RF foot controllers 421
L – CHAIR 432
L1 - Basic configuration 433
L1.1 Chair for DA370, DA380 433
L1.2 Chair for DA270, DA280 438
L2 - Optional items 446
L3 - Upholstered and stitched parts 460
L4 - Full Sets and Mounting Kits 462
Q - Assembly and installation 465
Electrical system requirements 466
Unpacking the assembly and inspecting the delivery 466
R - Service settings, Electrical connections, Schematics 480
R1 - Service settings 480
General service settings 480
Modification of service settings for instruments 484
Definition and assignment of tools 486
R2 - Factory settings 488
R3 - List of error codes 490
R4 - Description of electronic modules 493
R5 - Electrical schematics 499
BASIC version schematics 499
FULL version schematics 507
Control panel schematics 518
R6 – Chair set-up 535
R7 - Safety elements 540
T - Check of settings and functions 541
U - Maintenance and repair instructions 543
V - Cleaning, Disinfection and Decontamination 544
1. Disinfection of instrument water cooling channels 544
2. Semi-automatic disinfection of instrument water cooling channels (optional) 544
3. Cleaning and decontamination of the saliva ejector 547
4. Cleaning and decontamination of the big and small aspirator 547
5. Cleaning of the sieve of the separation block 547
6. Cleaning and Disinfection of Dürr spittoon valve on wet suction system 548
7. Cleaning and decontamination of the spittoon block 549
8. Cleaning, disinfection and decontamination of other parts of the dental unit 550
W - Claims 551
X - INSTALLATION PLATE 552
Annex 1 – Certificates used in support of claims 553

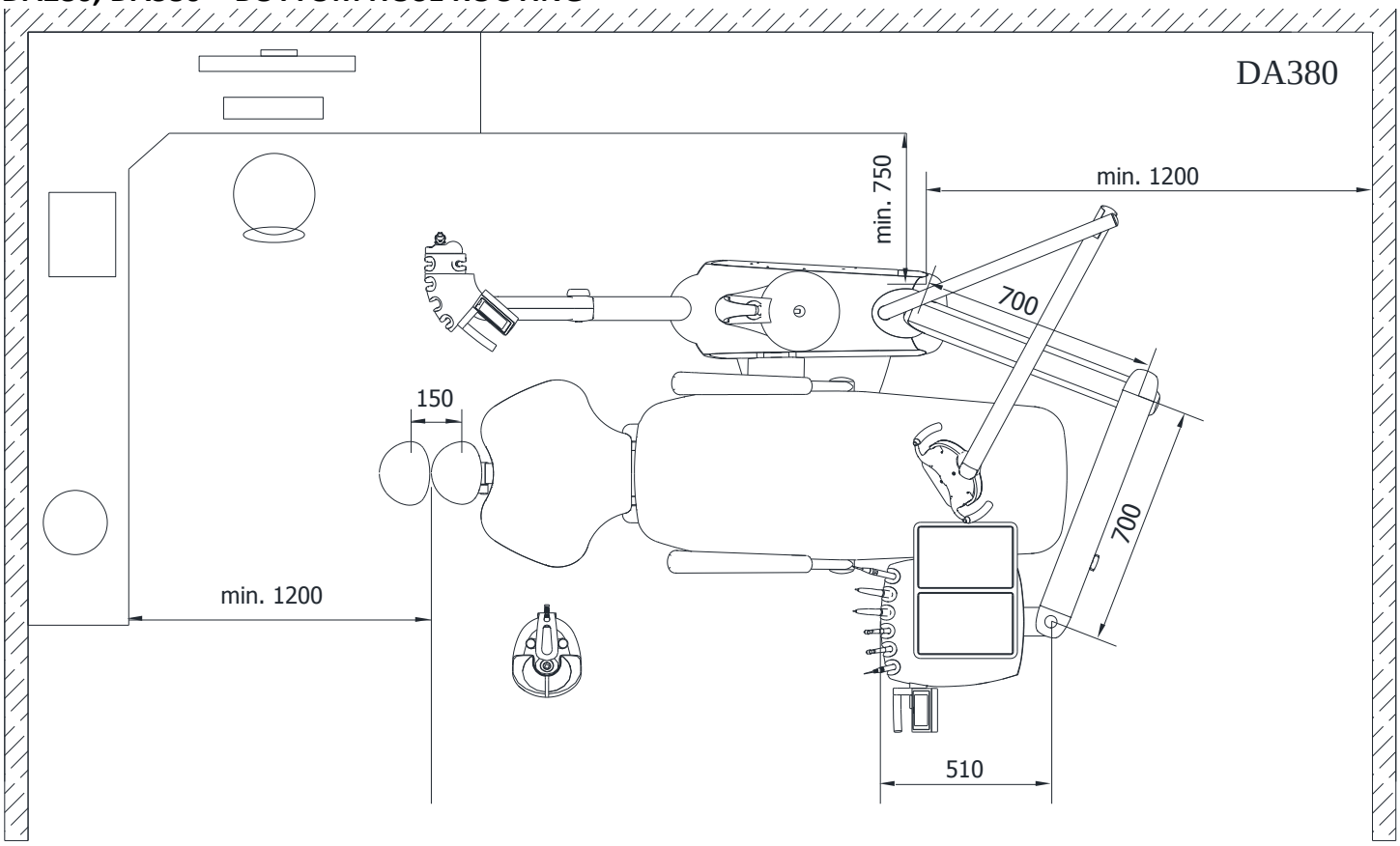
Main parts of the dental unit

DA270, DA370 – TOP HOSE ROUTING

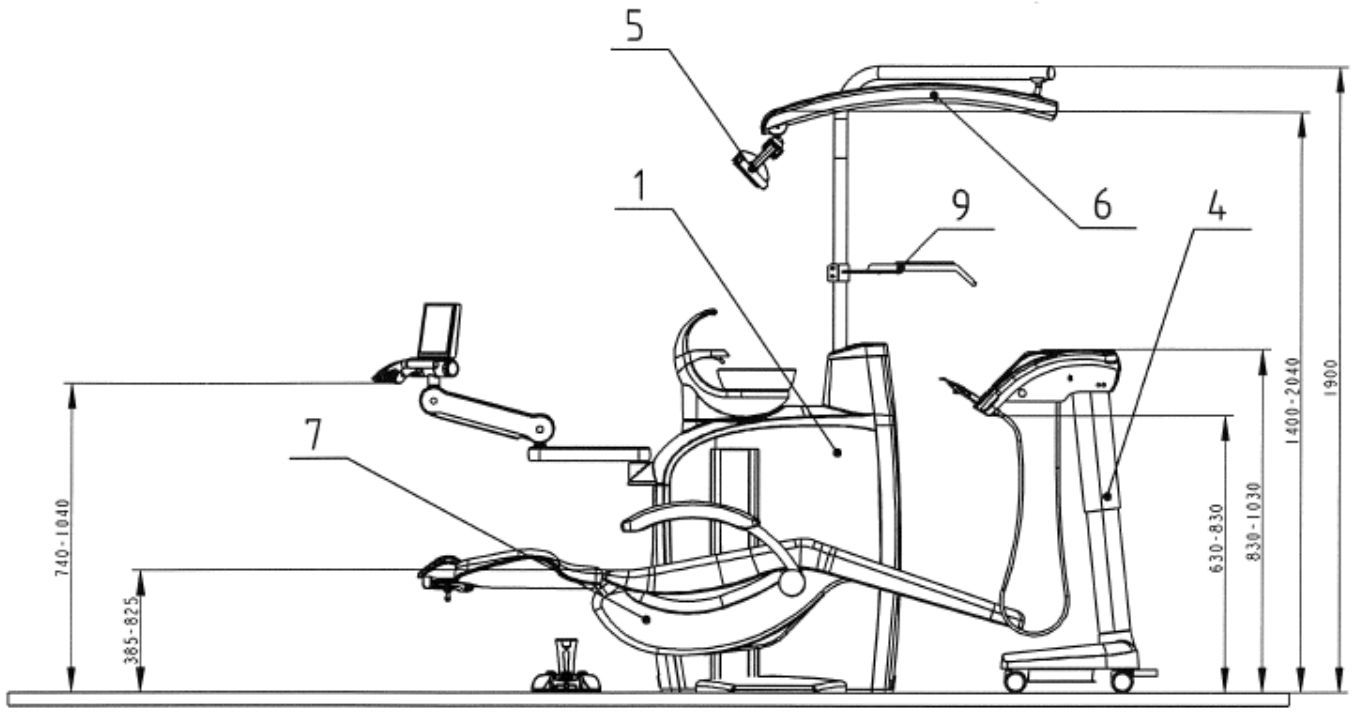


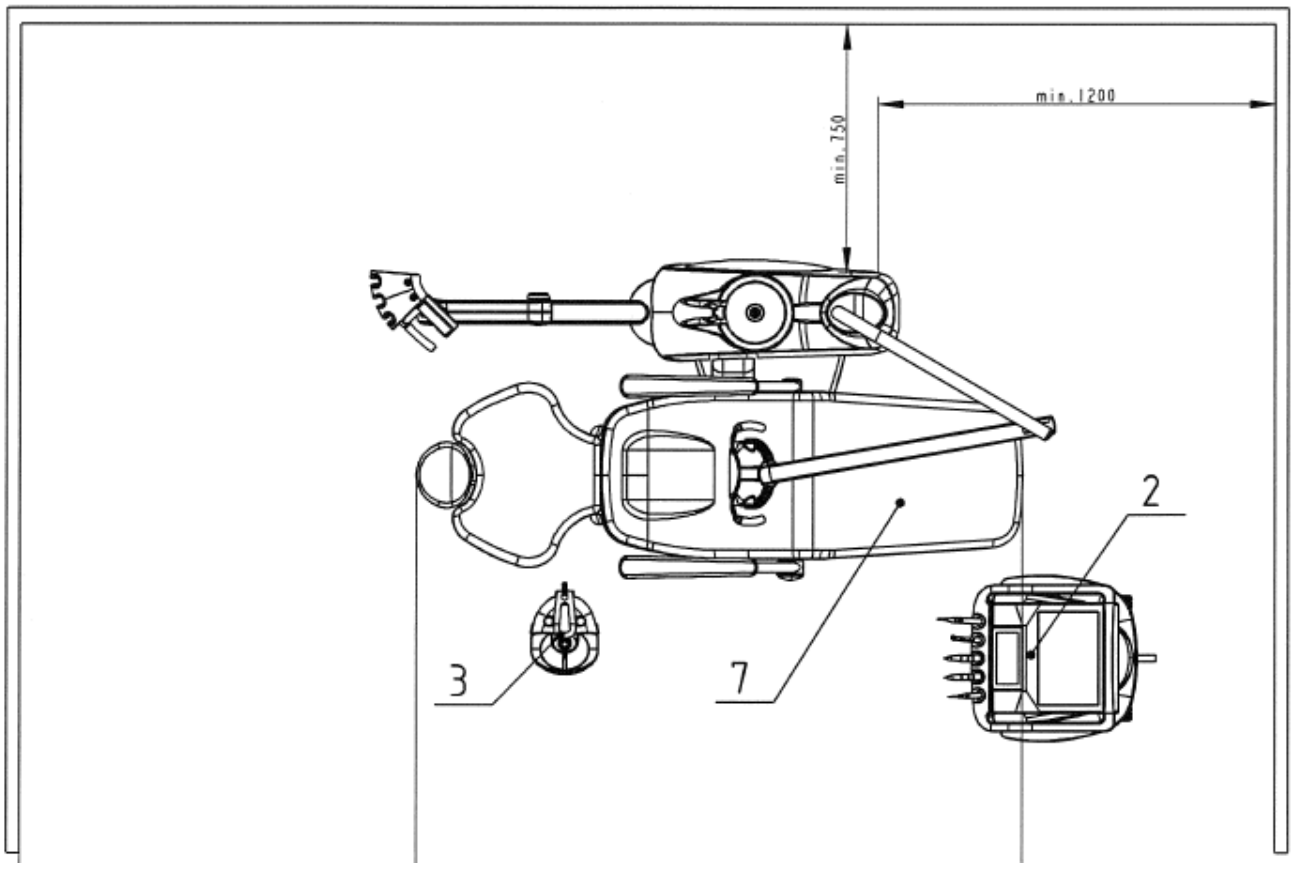
1. Spittoon with assistant's console arm
2. Control panel (5-instrument on DA 270 models and 6-instrument on DA 370 models)
3. Foot controller
4. Control panel arm
5. Light
6. Articulated light arm
7. Dental chair

DA280, DA380 – BOTTOM HOSE ROUTING



DA 280, DA 380 - CART





1. Spittoon with assistant’s console arm
2. Control panel
3. Foot controller
4. Cart
5. Operating light
6. Articulated light arm
7. Dental chair
9. Storage table

Symbols

	**Warnings** (risk of injury or damage)		Sterilise up to specified temperature
	Warning		Alternating current
	Note		Applied part B
	Recommendation	IP21	Level of intrusion and moisture protection
	Additional information		Manufacturer

Technical data

Dental unit

Parameter	**Value**
Voltage	220-240 V ; 100-127 V; 24 V
Frequency	50 Hz
Max. power	1900 VA + 10%
Supply air pressure	0.45 – 0.8 MPa
Supply water pressure	0.3 – 0.6 MPa
Unit weight, net	145 kg + max. 20 kg depending on configuration
Unit weight, gross	210 kg + max. 35 kg depending on configuration
Type of protection against electric shock	class I protection device
Level of protection against electric shock	applied part B
Enclosure rating	IP21
Cup water temperature	35 ± 5 °C (if heater installed)
Max. load on articulated light arm storage tray	1.5 kg
Max. load on dentist's panel storage tray: • stainless steel tray, 180 x 280 mm • stainless steel tray, 290 x 370 mm	 0.5 kg 1.5 kg
Mode of operation	permanent with intermittent loading typical of standard dental work.

Chair

Parameter	**Value**
Chair height above ground	385 mm – 825 mm ± 15 mm (DA270, DA280)
	320 mm – 825 mm ± 15 mm (DA370, DA380)
Backrest tilting range, from vertical plane	20° ± 2° to 90° ± 2° (DA270,DA280)
	13° ± 2° to 97° ± 2° (DA370,DA380)
Seat tilting range, from horizontal plane	3° to 21° ± 2° (DA370,DA380)
Vertical motion cycle, unloaded	max. 20 seconds
Backrest motion cycle, unloaded	max. 18 seconds
Seat tilting cycle	max. 8 seconds
Chair weight rating (EN ISO 7949-1)	maximum 200 kg
Chair weight for DA270, DA280, net	60 kg + max. 5 kg depending on configuration
Chair weight for DA270, DA280, gross	110 kg + max. 20 kg depending on configuration
Chair weight for DA370, DA380, net	65 kg + max. 5 kg depending on configuration
Chair weight for DA370, DA380, gross	115 kg + max. 20 kg depending on configuration
Mode of operation	1:16 (cycle time, for instance, 25 seconds of operation, 400 seconds idle)
Chair noise	max. 54 dB

General conditions

The following instruments may be mounted to the control panel:

Condition	Note
at least 1 spray nozzle	
max. 4 rotary instruments	DA270, DA280
max. 5 rotary instruments	DA370, DA380
max. 5 light instruments	
max. 3 turbines	
max. 3 BLDC micromotors with light	max. 3 x DX or 3 x DX PRO motor max. 3 x DX BLUE or 3 x DX PRO BLUE motor max. 2 x DX PRO + 1 x SRG max. 2 x DX PRO BLUE + 1 x SRG
1 scaler	plaque removal instrument
1 curing lamp (LED)	
1 blaster	sand blaster

The following acronyms and abbreviations are used in the manual:
USS – ultrasonic plaque removal instrument
PLM - curing lamp
DC motor – motor with brushes
BLDC motor – brushless motor

Organisation of the manual

1.) Symbol >>

Symbol >> indicates that a specific item is broken down into smaller details.

Example:

Pos.	Item no.	Product name	Unit	Quantity
001	V618.02-01-00.6	BASIC DENTAL ENGINE	PC	1.00
002 >>	V608.01-02-00.4	AIR REGULATOR	PC	1.00

2.) Recurring breakdowns of items

A breakdown of items that is identical for 2 or more sub chapters is located at the end of the chapter.

Example:

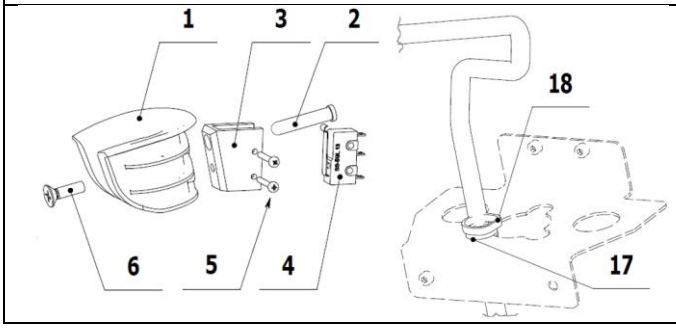
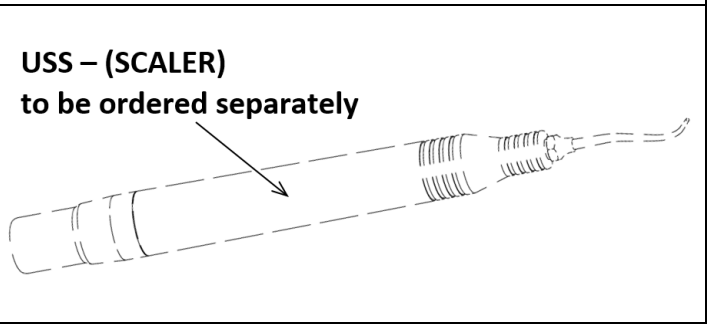
Chapter A (Dental engine) contains an item that is common to both types of dental engines (with and without the central manifold).

Therefore, it is located at the end of Chapter A.

002 >>	V608.01-02-00.4	AIR REGULATOR

3.) Blueprints

Examples:

A solid line delineates those items involved in a specific section	Dashed lines indicate the illustrated objects
	

4.) Numbered positions in tables

Position numbers 1 to 899 are related to structural components

POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	V618.02-01-00.6	BASE OF POWERBLOCK	PC	1.00
002 >>	V608.01-02-00.4	AIR REGULATION	PC	1.00
003 >>	V622.01-03-00	ACCESSORY WITHOUT SYSTEM OF REGULATION OF WATER	PC	1.00

Numbers 901 and higher are related to electrical connections.

901	ME374000.385	MODULE EB_ECO_5	PC	1.00
902	ME374000.301	MODULE EB_230_4	PC	1.00
903>>	V622.01-90-06	TRANSFORMER - ASSEMBLY	PC	1.00

5.) Quantity field

If the quantity field is empty or is OPTIONAL, there are multiple variants for the given item and it is necessary to specify the variant or colour option that is ordered.

Poz.	Č. položky	Názov produktu	MJ	Množ.
005>>	V628.60-05-00.P	PRÍSL.PEVNEJ MISY	KS	VOLITEĽNÉ
005>>	V628.60-05-00.O	PRÍSL.OTOČNEJ MISY CLASSIC	KS	VOLITEĽNÉ
005>>	V628.60-05-00.L	PRÍSL.OTOČNEJ MISY LUX	KS	VOLITEĽNÉ
006	V608.01-02-00.4	REGULÁCIA VZDUCH	KS	1,00
009>>	V628.73-00-00	PRÍSL.BEZ REGULÁTORA VODY	KS	
009>>	V628.74-00-00	PRÍSL.S REGULÁTOROM VODY	KS	

Ordering spare parts

Use only original and approved spare parts and components, without changing performance, safety characteristics or intended purpose of medical device.

1.) Please provide the following when ordering spare parts:

Example 1 (non-powered configuration):

1.	name of the spare part (mechanical components)	DOOR, COMPLETE
2.	order number	V628.60-10-00
3.	serial number of the dental unit	12345678
4.	quantity	1 PC

Example 2: (with configuration specified)

Code K-001, K-002 ... etc.

If an item has multiple power configurations,
this is indicated by the **Configuration** (such as K-001). Do not forget to specify the correct configuration when ordering.

1.	name of the spare part (mechanical components)	ARTICULATED ARM
2.	order number	V628.10-00-00.1 K-001
3.	serial number of the dental unit	12345678
4.	quantity	1 PC

COMFORT LINE DA 270 and DA 280 dental units are available in two versions: BASIC and FULL.

- the BASIC version is delivered with a printed circuit board in the Spittoon block labelled PB_LUX_8
- the FULL version has the PB_LUX_11 printed circuit board

The location of the printed circuit board is shown in Chapter B.

The PREMIUM LINE DA 370 and DA 380 dental units are only available in the FULL version.

The FULL version supports the following dental unit options over and above the BASIC version:

- Power rotating basin
- Option to connect the articulated assistant's console arm to the assistant's table with a large keypad
- DURR 2-valve suction system connection
- Option to connect a water heater to the cup filler with touchscreen control
- Option for hygiene, disinfection and decontamination system connectivity
- Option for door controls (using the bell button)

Note

FULL / BASIC in the list of spare parts indicates which spare parts must be purchased for the given version of the spittoon block printed circuit board.

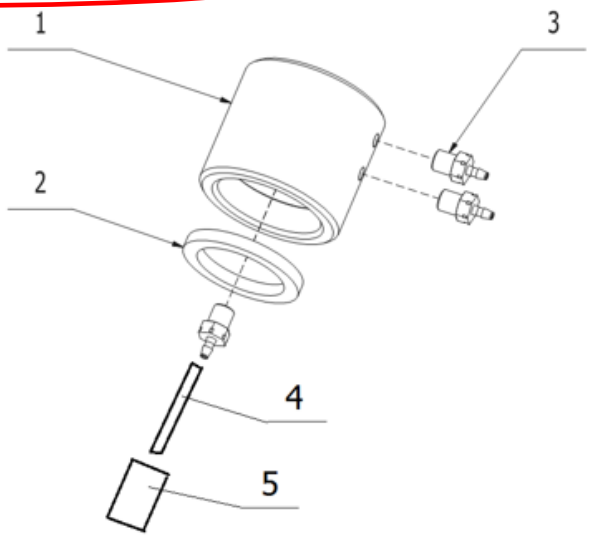
2.) Meaning of symbols: ▶ or ▶SP:

These symbols are indicating guaranteed availability of the item for ordering as spare part.

▶SP:	This symbol means that you can order the item as a whole
▶	This symbol means that the individual subitem is available to be ordered

Example below illustrates that you can order:
Spare part item as a whole:

▶SP: HEAD OF BOTTLE - V690.00-01-00

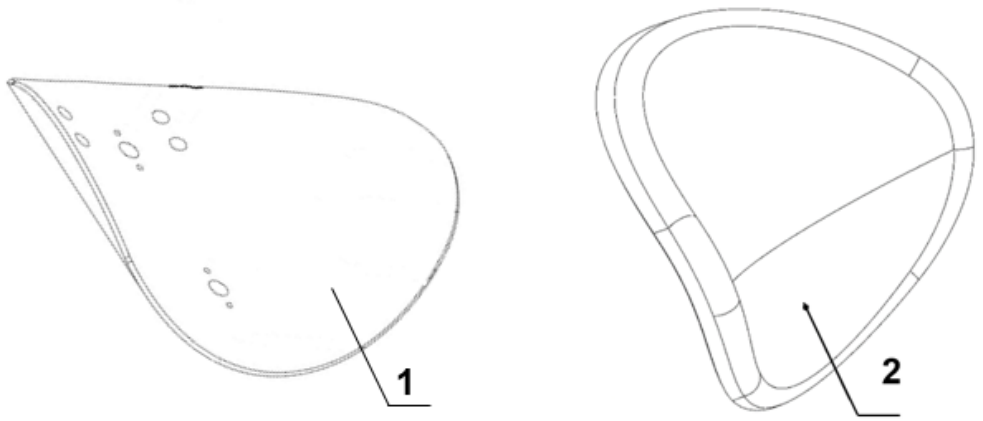


POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	V606.60-00-23.3	HEAD BOTTLE DL 250	PC	1.00
002	ME273000.032	SEAL FLANGE 657, 1/2	PC	1.00
003	ME336401.008	T HOSE BARB FITTING M5210-1	PC	3.00
004	ME283367.024	HOSE PUR 1,5/2,7 GREEN	m	0.33
005	ME429310.004	AIR STONE SMALL	PC	1.00

or you can order individual item:

▶ HEADREST – Full Set

POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	▶ME288100.061	UPHOLSTERY OF HEADREST, SEAMLESS – FRONT PART	PC	OPTION
001	▶ME288100.064	UPHOLSTERY OF HEADREST, SEAMED – FRONT PART	PC	OPTION
002	▶ME285000.917	UPHOLSTERY OF HEADREST, SEAMLESS – REAR PART	PC	1.00
003>>	▶V690.01-69-00	KIT FOR JOINING OF FRONT AND REAR HEADREST PARTS	PC	1.00



B - SPITTOON BLOCK

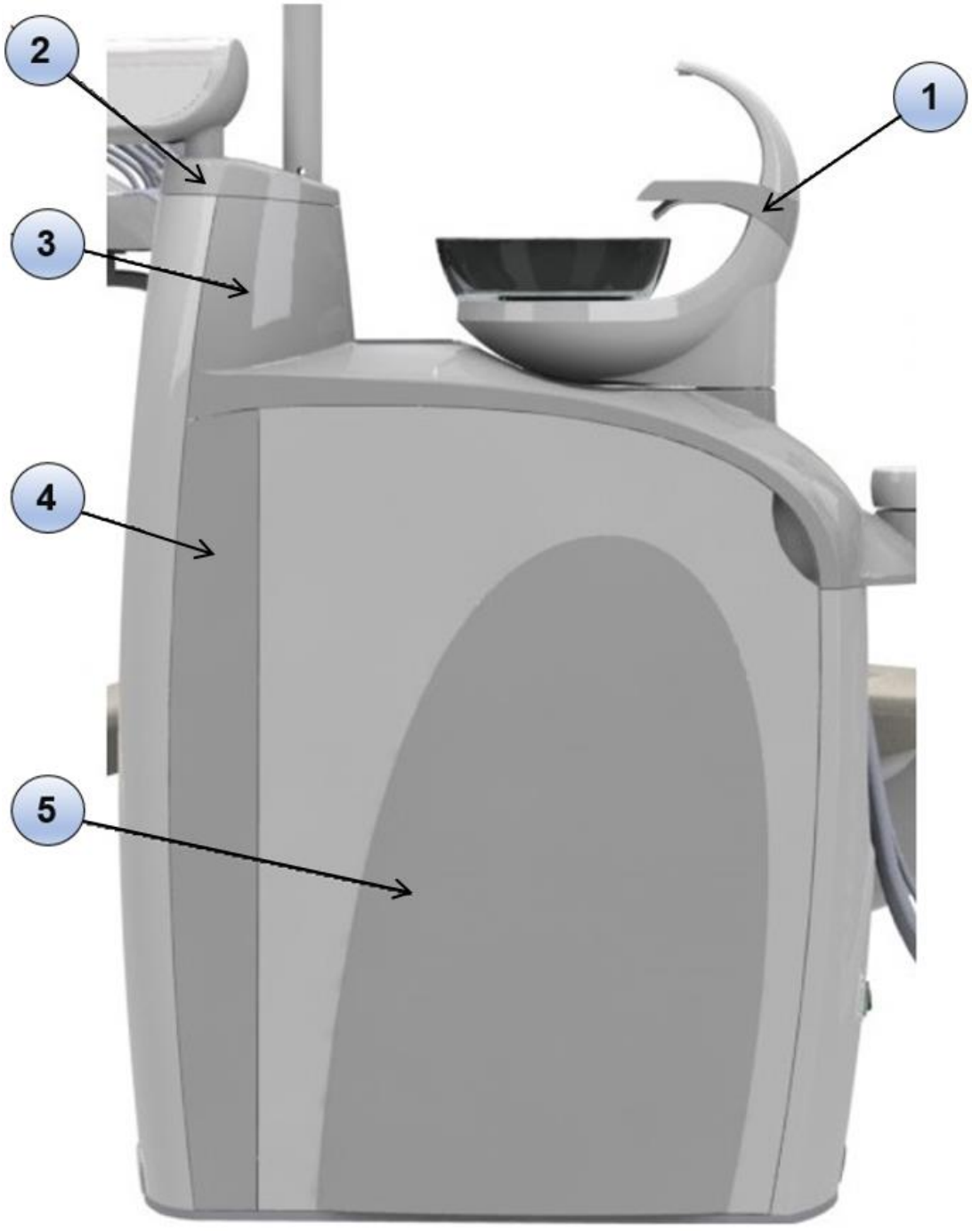
B1 - Overview of optional parts

►BASIN

17	**ME397900.025**	BASIN, MATTE GLASS
17	**ME632531.126**	BASIN, CERAMIC + SCREEN COVER

Optional colours available for the following items:

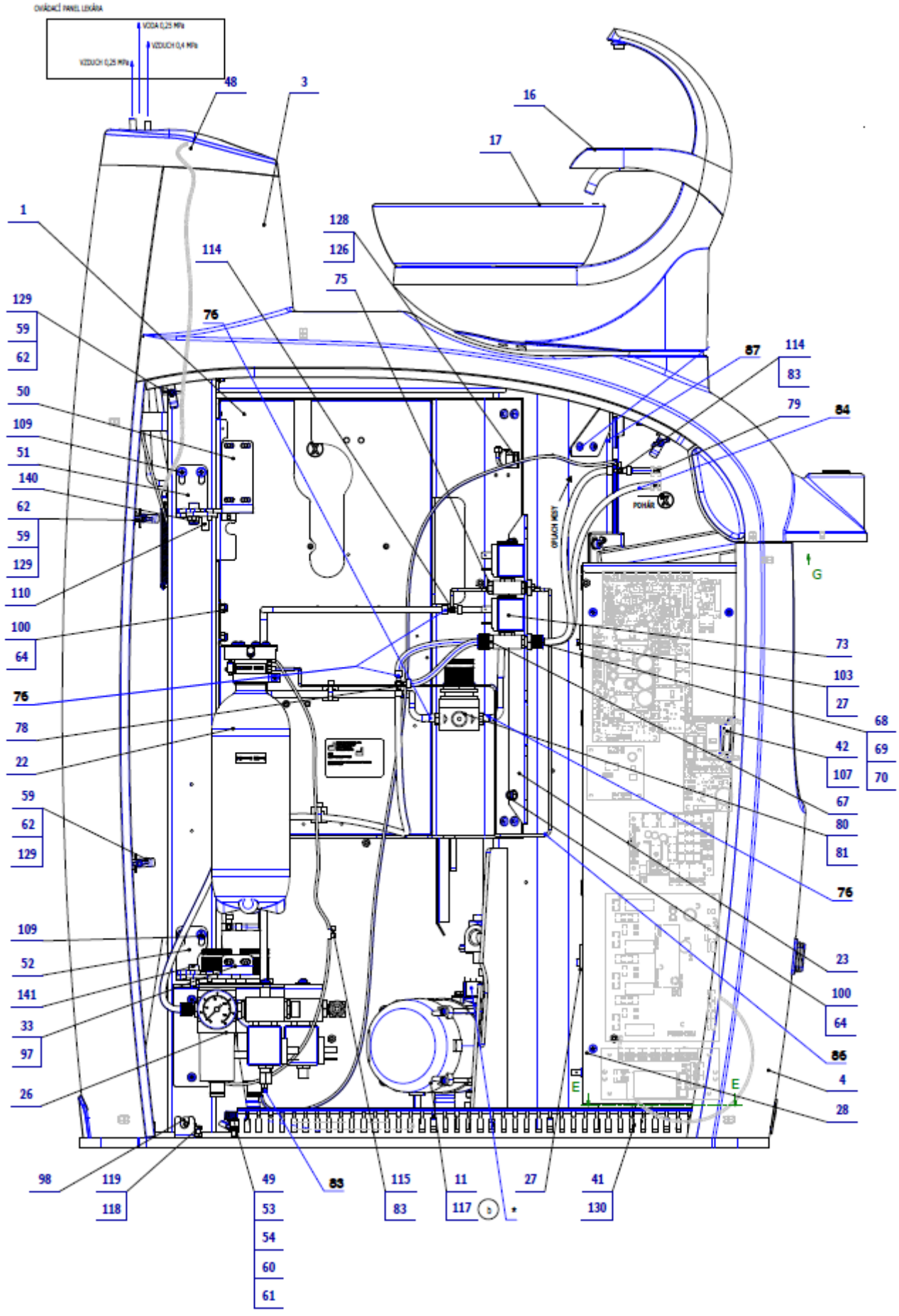
Number	Item number	Product name	Standard colour
1	V622.60-14-02	CUP HOLDER	GREY (RAL 7035)
2	V618.60-00-48	POST COVER	GREY (RAL 7035)
3	V624.60-03-07	TOP COVER	GREY (RAL 7035)
4	V624.60-08-00.1	SIDE COVER, COMPLETE	GREY (RAL 7035)
5	V624.60-00-07.P	DECORATIVE COVER	GREY (RAL 7035)

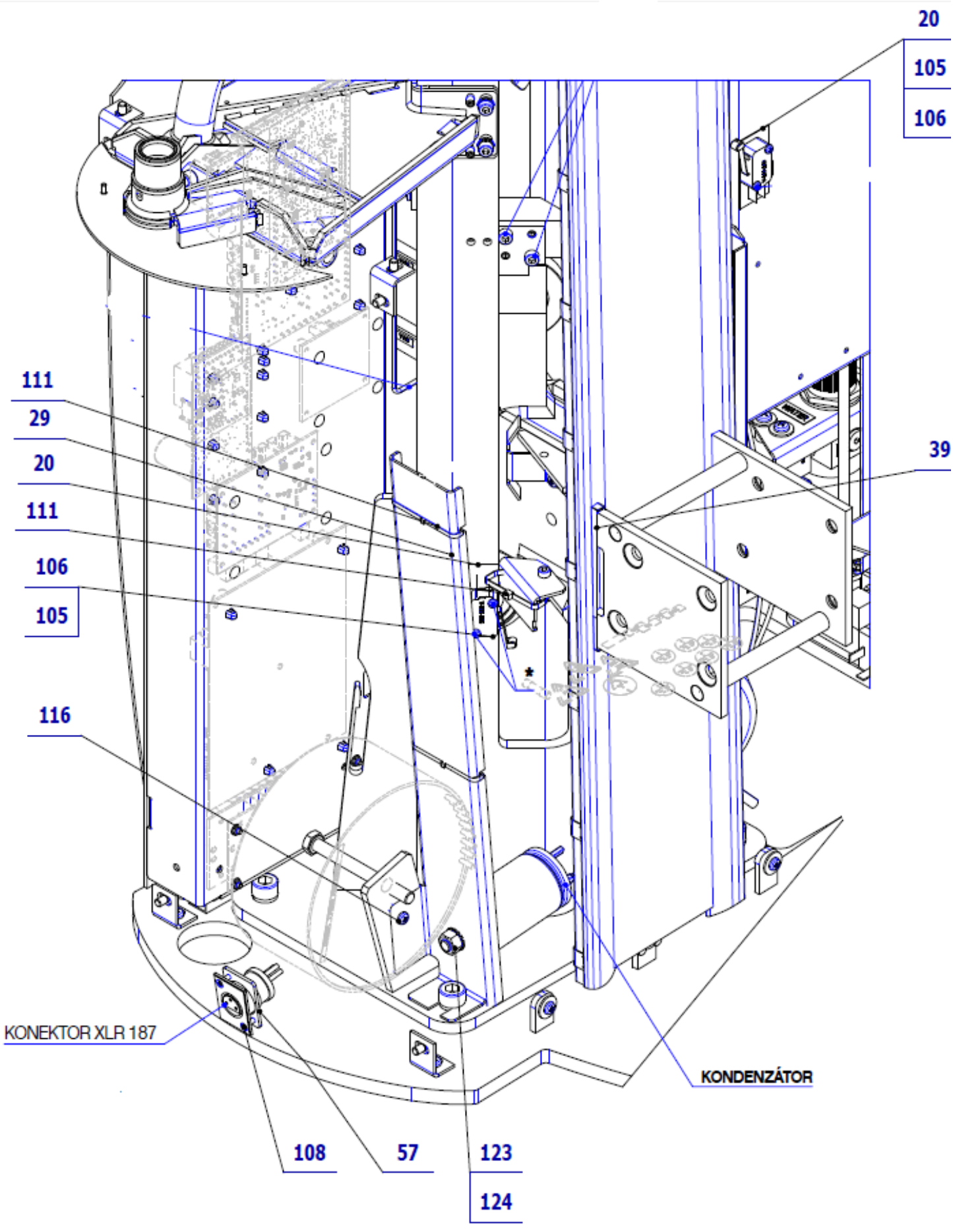


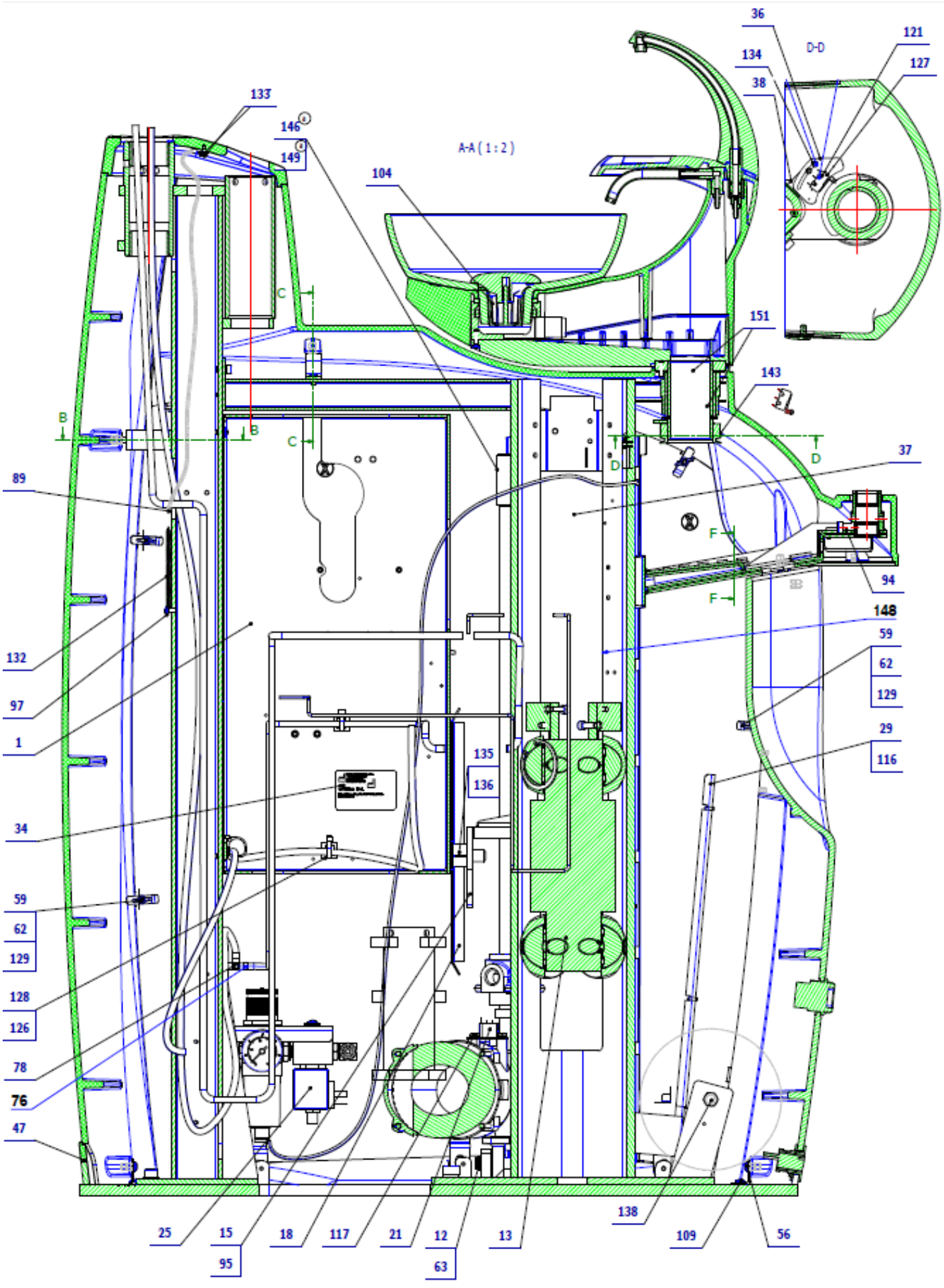
B2 - Basic configuration

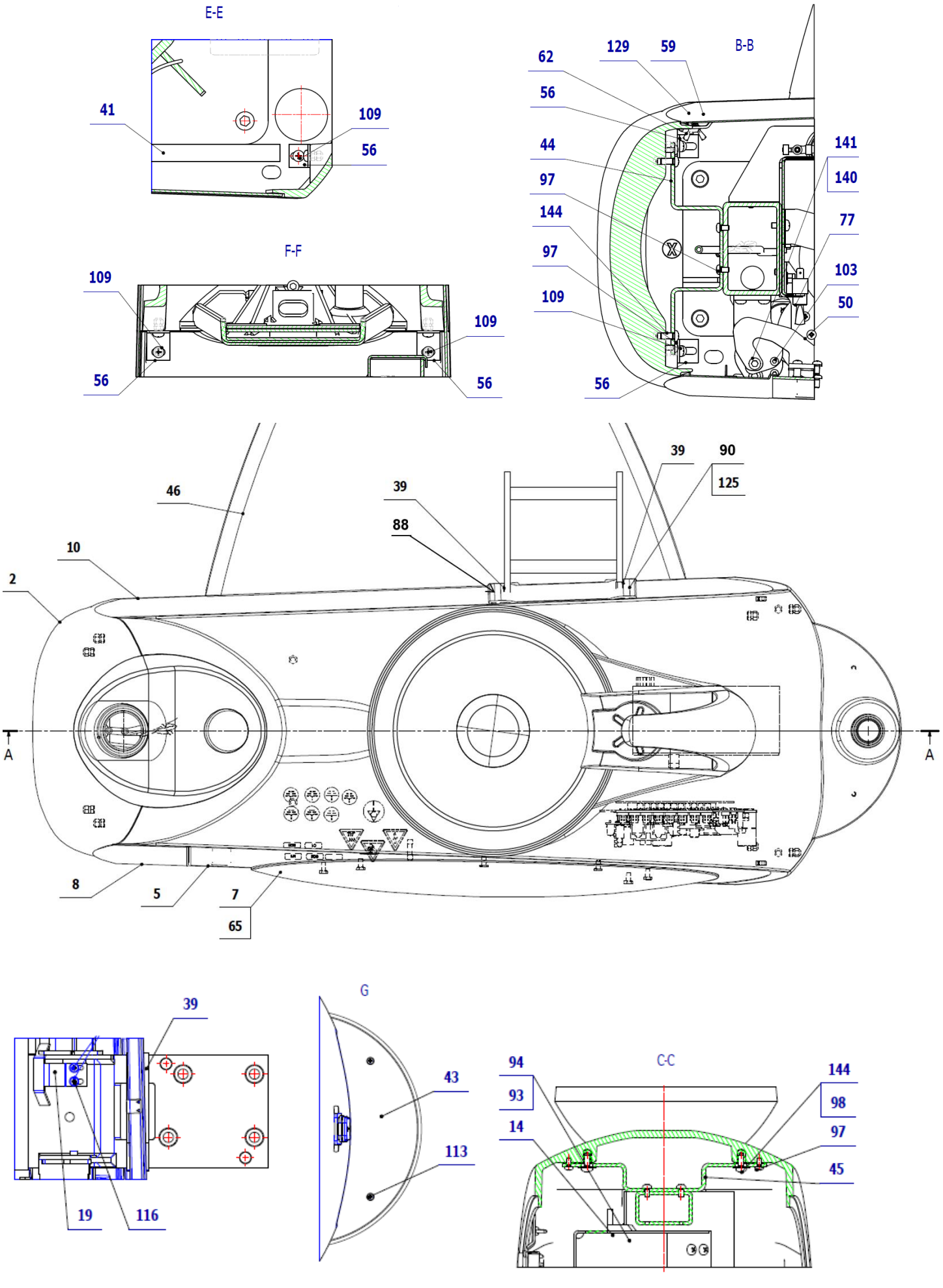
►SPITTOON BLOCK - V623.60-00-00.1

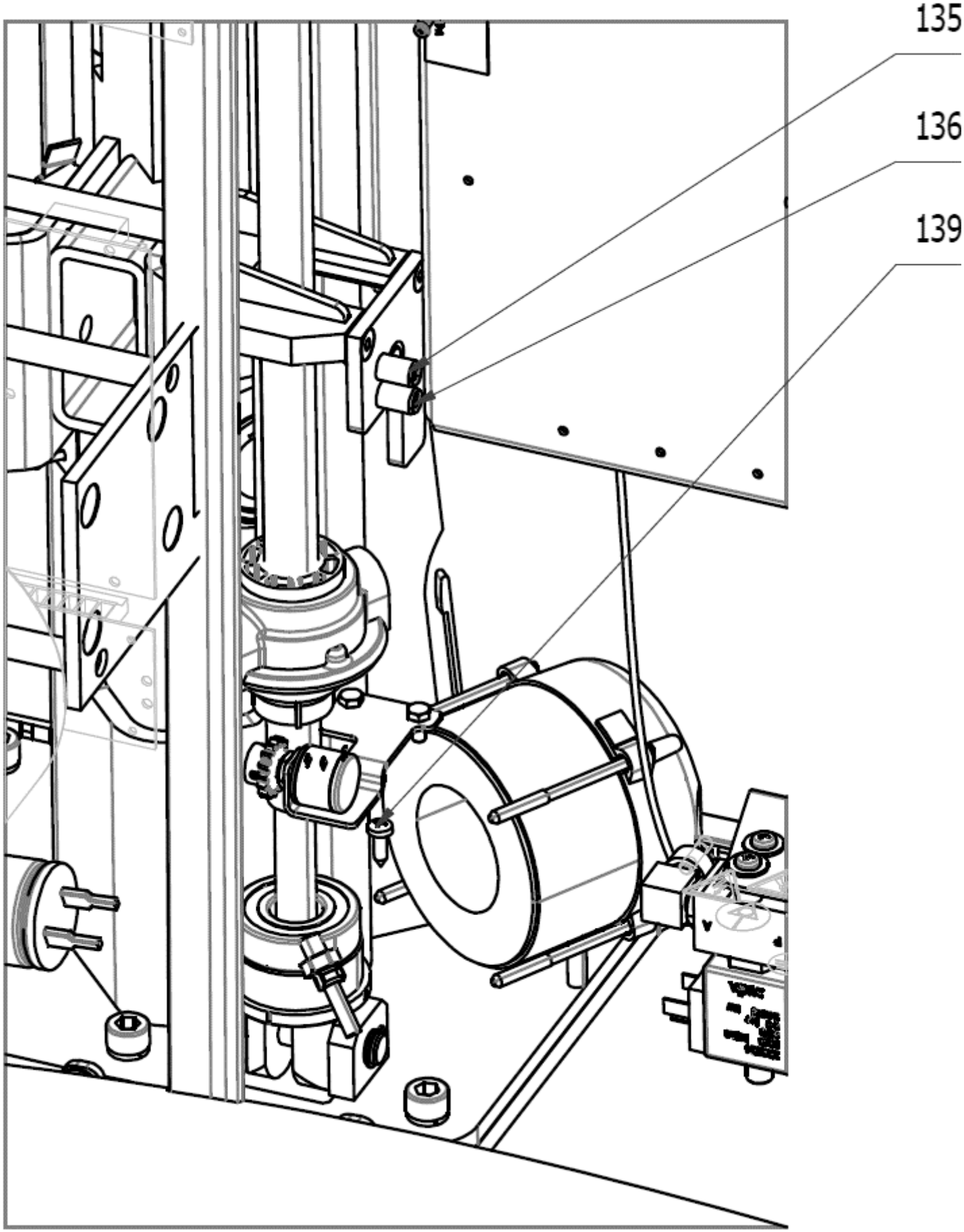
SPITTOON BLOCK	BASIC	V623.60-00-00.1 K-002
	FULL	V623.60-00-00.1 K-003

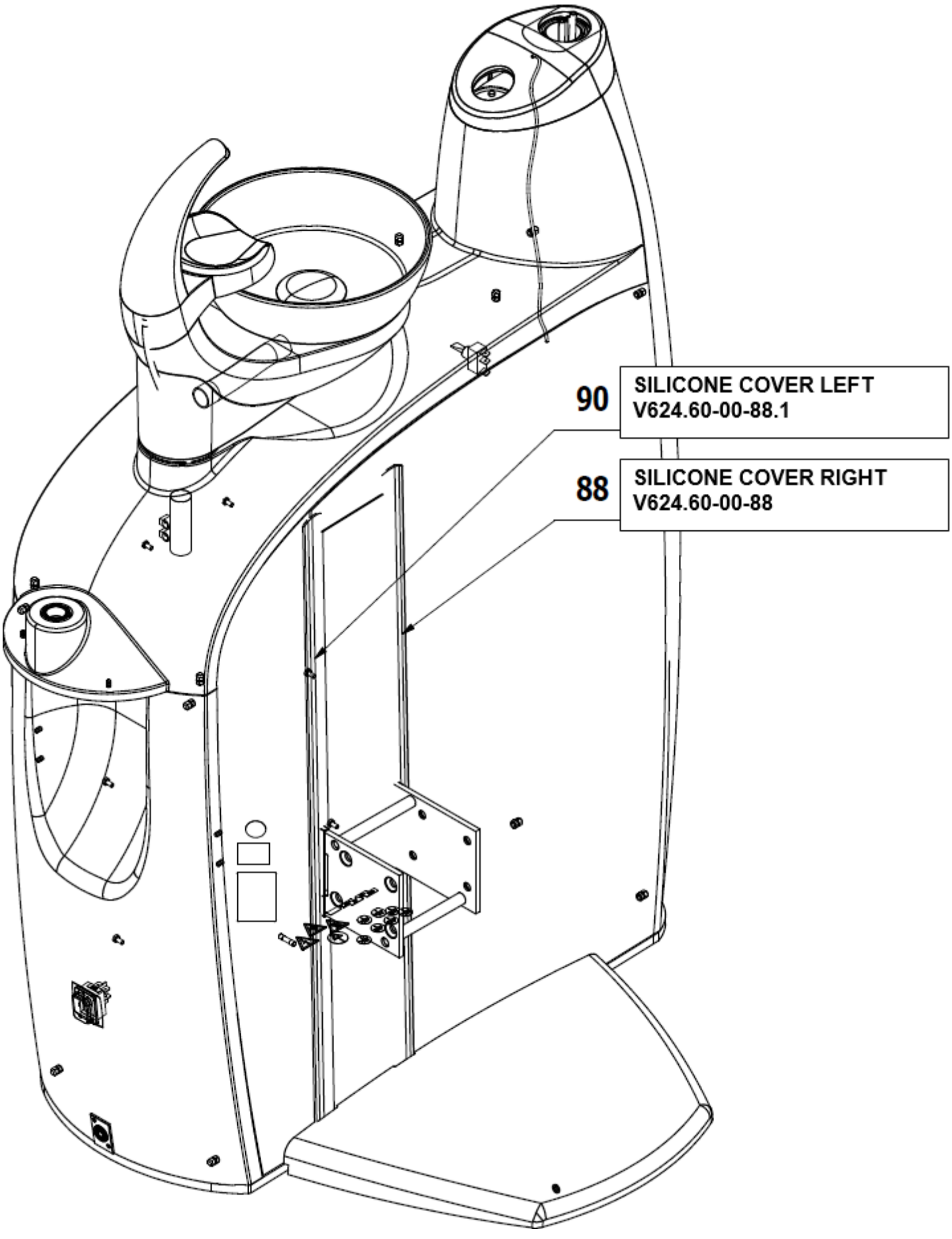



20
105
106
111
29
20
111
106
105
39
116
KONEKTOR XLR 187
KONDENZÁTOR
108
57
123
124

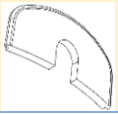

36
121
D-D
134
127
38
133
146
149
A-A (1 : 2)
104
C
151
143
B
B
C
D
D
37
89
F
F
94
148
59
62
129
132
97
1
29
116
135
136
34
59
62
129
128
126
78
76
47
138
25
15
95
18
117
21
12
63
13
109
56

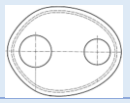

E-E
41
109
56
F-F
109
109
56
56
B-B
62
129
59
56
44
97
144
97
109
56
141
140
77
103
50
46
39
88
39
90
125
10
2
A
A
8
5
7
65
39
19
116
G
43
113
C-C
94
93
14
144
98
97
45


135
136
139



Pos.	Item no.	Product name	Unit	Quantity
001>>	V624.60-01-00.1	SPITTOON BLOCK FRAME / WHT1	PC	1.00

002	V624.60-02-00	FRONT COVER / WHT1	PC	1.00
003	V624.60-03-00	TOP COVER / WHT1	PC	**OPTION**
004	V624.60-04-00	REAR COVER / WHT1	PC	1.00
005	V624.60-05-00.2	DOOR, RIGHT Al / WHT1	PC	1.00
007	V624.60-00-07.P	DECORATIVE COVER, RIGHT / WHT1	PC	**OPTION**
008	V624.60-08-00.1	SIDE COVER, COMPLETE, RIGHT / WHT1	PC	**OPTION**
009	V624.60-09-00.3	HOSE COVER, RIGHT / WHT1	PC	1.00
010	V624.60-10-00.3	MECHANISM COVER, RIGHT / WHT1	PC	**OPTION**
011	ME358221.051	DRIVE, HANNING S95-550 mm 4000 N	PC	1.00
012	V624.60-00-12	DRIVE PIN	PC	1.00
013>>	V624.60-17-00	CARRIAGE WITH BEARINGS / WHT1	PC	1.00
014	V624.60-00-14.S	PROFILE STRIP / WHT1	PC	1.00
015	V624.60-20-00	LIFT PLATE, COMPLETE / WHT1	PC	1.00
016>>	V618.60-14-00.1	BASIN HOLDER - GREY CUP HOLDER / WHT1	PC	1.00
017	ME397900.025	BASIN, MATTE GLASS	PC	**OPTION**
017	ME632531.126	BASIN, CERAMIC + SCREEN COVER	PC	**OPTION**
018	V624.60-00-18	RUNNER	PC	2.00
019	V624.60-00-19	MICRO SWITCH RUNNER	PC	1.00
020	V624.60-00-20	BASE UNDER MICRO SWITCH	PC	3.00
021	V624.60-21-00	VISHAY POTENTIOMETER - GROUP	PC	1.00
022>>	V624.60-22-00.1	CONTAINER FOR WATER, 0.75 L	PC	**OPTION**
022>>	V623.60-22-00	CONTAINER FOR WATER, 2 L	PC	**OPTION**
022>>	V624.78-00-00	CONTAINER FOR WATER ACCESSORY, 2 L	PC	**OPTION**
023	V624.60-00-23	VALVE MANIFOLD	PC	1.00
025>>	V624.60-25-00	AIR REGULATOR	PC	1.00
026>>	V624.60-26-00	WATER REGULATOR	PC	1.00
027	V624.60-00-27	PANEL HOLDER	PC	2.00
028>>	V631.60-28-00	ELECTRONICS PANEL	PC	1.00
029	V624.60-00-29	ANGLED GUIDE	PC	1.00
033	V624.60-00-33.1	LOWER HOLDER	PC	1.00
034	V618.60-00-60	P.B. LABEL	PC	1.00
035	V624.60-00-35	CLIP	PC	1.00
036	V624.60-00-36.1	SWITCH HOLDER	PC	1.00
037	V624.60-37-00.2	COVER STRIP / WHT1	PC	1.00
038	V624.60-00-38.1	SWITCH BASE	PC	1.00
039	ME283000.061	SLIDING TAPE, NITTO 973 UL S=25	M	0.25
041	V624.60-00-41	DISTRIBUTION CHANNEL	PC	1.00
042	ME549000.021	MAGNETIC SNAP LOCK-B WHITE	PC	1.00
043	V624.60-00-43	LOWER COVER / WHT1	PC	1.00
044	V624.60-00-44	FRONT COVER CONSOLE	PC	1.00
045	V624.60-00-45	TOP COVER CONSOLE	PC	1.00
046	V624.60-00-46	BASE COVER / WHT1	PC	1.00
047	V624.60-00-47	UTILITY BUSHING	PC	OPTION 
047	V624.60-00-47.1	UTILITY BUSHING (CART)	PC	OPTION 

048	V624.60-00-48	POST COVER	PC	OPTION 
048	V624.60-00-48.1	POST COVER (CART)	PC	OPTION 
049	ME354321.006	RING WIRE CONNECTOR, 7600-04/6	PC	1.00
050	V624.60-00-50.1	STOP HOLDER	PC	1.00
051	V624.60-00-51.1	DOOR CONSOLE	PC	1.00
052	V624.60-00-52.1	DOOR CONSOLE, BOTTOM	PC	1.00
053	ME321821.134	ROTATING BUTTON, M6, TYPE 2	PC	1.00
054	ME311180.006	NUT, M 6	PC	1.00
056	V618.60-01-08.1	REAR COVER HANDLE, LOWER	PC	6.00
057	V624.60-00-57	CONNECTOR HOLDER	PC	1.00
059	V624.60-00-59	LOCK	PC	7.00
060	ME311280.006	WASHER, P 6.4	PC	1.00
061	ME311214.004	WASHER, P 6.4, SERRATED	PC	1.00
062	ME311000.002	WING NUT, M 4	PC	9.00
063	ME311733.002	LOCK RING P 12	PC	2.00
064	ME311210.020	WASHER, P 5.3	PC	4.00
065	ME311180.015	NUT, M 4	PC	6.00
067	ME336402.001	THREADED COLLAR, FLAT	PC	2.00
068	ME321822.014	NUT, 4-601.8-00-34	PC	2.00
069	V600.8-00-39	COLLAR	PC	2.00
070	ME311120.091	NUT, M 10X1	PC	3.00
073	ME405658.010	SOLENOID VALVE, JAKSA D211	PC	2.00
075	ME336401.023	ADAPTER 18210-1	PC	1.00
076	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.06
078	ME336401.029	ADAPTER T230-1	PC	2.00
079	V607.80-38-00	RESTRICTOR - MODIFIED	PC	2.00
080>>	V622.60-00-01	AIR PRESSURE REGULATOR	PC	1.00
081	V606.60-00-26	REGULATOR HOLDER	PC	1.00
082	ME336401.028	ADAPTER 18240-1	PC	1.00
083	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.07
084	ME345711.036	HOSE, PUR 3.8/6.4 GREEN	m	1.84
085	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.94
086	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	1.11
087	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	1.56
088	V624.60-00-88	SILICONE COVER RIGHT	PC	1.00
089	V624.60-89-00	CLAMP	PC	1.00
090	V624.60-00-88.1	SILICONE COVER LEFT	PC	1.00
093	ME311214.036	WASHER, P 6	PC	4.00
094	ME309543.042	THREADED FASTENER, M 6X12	PC	5.00
095	ME307991.009	THREADED FASTENER, M 6X16	PC	2.00
097	ME309543.068	THREADED FASTENER, M 4X8	PC	25.00
098	ME311212.018	WASHER, P 5.3	PC	7.00
099	ME309255.051	THREADED FASTENER, M 3X6	PC	1.00
100	ME311120.032	NUT, M 5	PC	4.00

103	ME311120.068	THREADED FASTENER, M 4X8	PC	4.00
104	ME999000.132	SPITTOON BASIN SCREEN, 606.60-00-21	PC	1.00
105	ME309255.049	THREADED FASTENER, M 3X16	PC	6.00
106	ME374415.020	MICRO SWITCH, OMRON V-166-1C5	PC	3.00
107	ME309255.036	THREADED FASTENER, M 3X8	PC	2.00
108	ME309255.084	THREADED FASTENER, M 3X12	PC	2.00
109	ME309543.069	THREADED FASTENER, M 5X8	PC	16.00
110	ME321862.003	THREADED FASTENER, M8-18 WITH BALL AND SPRING	PC	1.00
111	ME397800.015	CABLE TIE, F0301 CV-200	PC	3.00
113	ME309251.078	THREADED FASTENER, M 3X8	PC	2.00
114	ME336401.027	ADAPTER T230/210-1	PC	2.00
115	ME336401.012	ADAPTER N210-1	PC	1.00
116	ME309255.047	THREADED FASTENER, M 4X5	PC	5.00
117	ME309326.006	THREADED FASTENER, M 5X10	PC	2.00
118	ME311214.002	WASHER, P 4.3, SERRATED	PC	3.00
119	ME311180.004	NUT, M 4	PC	6.00
121	ME309251.101	THREADED FASTENER, M 2X8	PC	2.00
123	ME311120.072	NUT, M 8	PC	1.00
124	ME311120.042	WASHER, P 8.4	PC	1.00
125	ME548241.033	“U” CLIP ON ART. LEATHER	PC	16.00
126	ME397900.012	CABLE TIE, F 0301 CV-094	PC	4.00
127	ME374415.015	MICRO SWITCH, OMRON SS-5GL2	PC	1.00
128	ME345711.034	CLAMP, F0505 HC 101	PC	4.00
129	ME315170.051	Spring, TL 0500x068x0017	PC	4.00
130	ME627439.004	DOUBLE-SIDED ADHESIVE TAPE, S.10	M	0.20
132	ME315000.061	SPRING TZ 1000x0070x0710	PC	1.00
133	ME309336.012	THREADED FASTENER, 3.9X9.5	PC	1.00
134	ME309543.126	THREADED FASTENER, M 3X10	PC	2.00
138	ME309201.032	THREADED FASTENER, M 8X80	PC	1.00
140	ME311120.084	NUT, M6	PC	1.00
141	ME309543.074	THREADED FASTENER, M 6X16	PC	2.00
143	V624.75-02-00.2	LARGE PULLEY - ASSEMBLY	PC	1.00
144	ME309255.041	THREADED FASTENER, M 5X12	PC	4.00
145	ME311733.032	LOCK RING P 45	PC	1.00
146	V624.60-00-60	MOTOR COUNTERWEIGHT	PC	1.00
149	ME309543.083	THREADED FASTENER, M 10X70	PC	1.00
151	ME273114.026	SLIP WASHER, 1 mm thick	PC	1.00

K-002 = BASIC

Pos.	Item no.	Product name	Unit	Quantity
901	ME374000.342	EB_LUX6 MODULE	PC	1.00
902	ME374000.403	PB_LUX_8V2 2.X MODULE	PC	1.00
903	V631.60-90-03	ELECTRICAL INSTALLATION FOR FOOT CONTROLLER	PC	1.00
904	V631.60-90-07	TRANSFORMER - ASSEMBLY	PC	1.00
905	ME374100.041	SWITCH WIRES - ASSEMBLY	PC	1.00
906	ME374000.322	EB_230_6 MODULE	PC	1.00
907	ME397900.012	CABLE TIE, F 0301 CV-094	PC	7.00

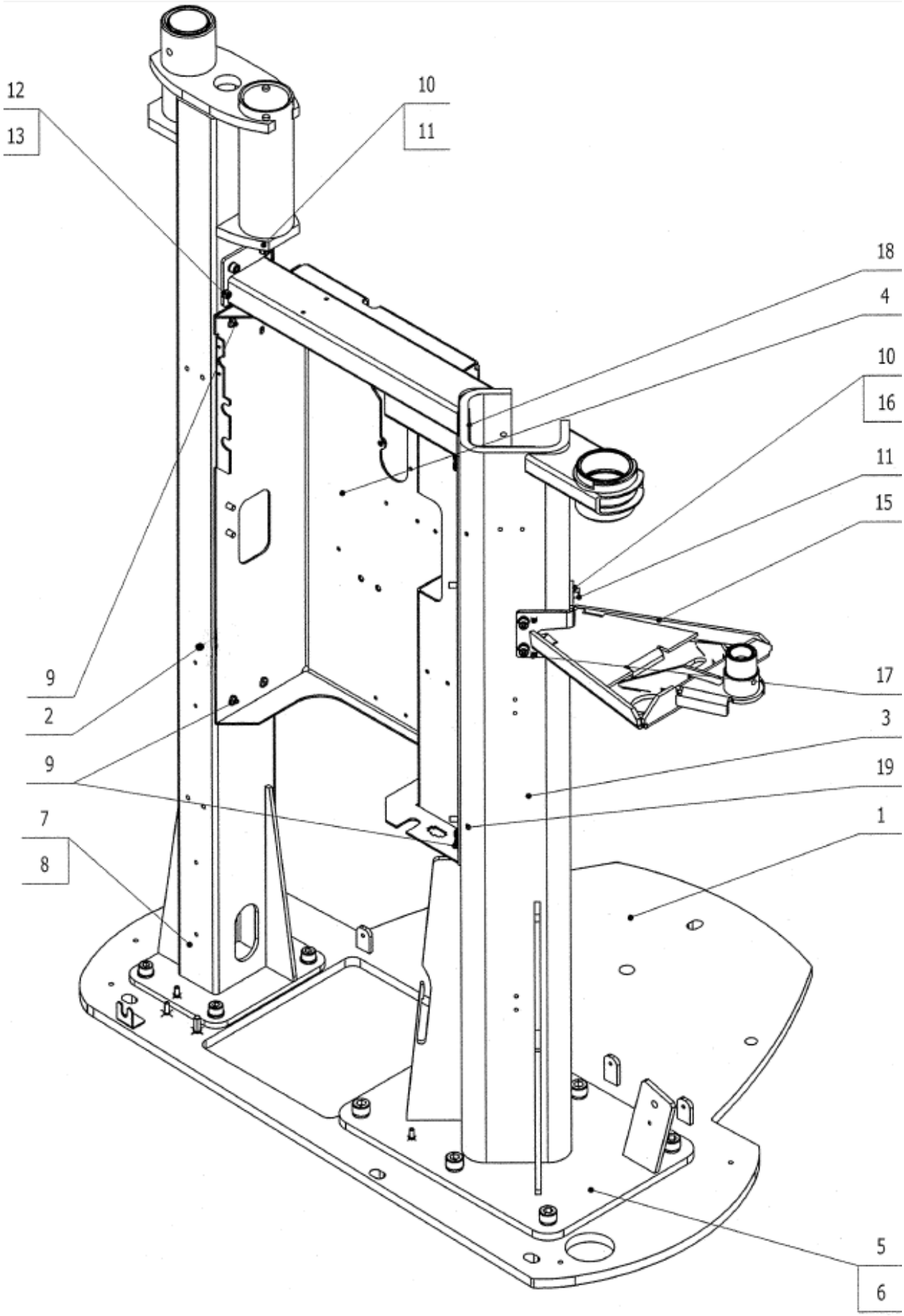
908	ME374060.012	CABLE CONNECTOR, RJ45	PC	1.00
909	ME374010.061	U/UTP PATCH CABLE, Cat. 6, 1.5 m, grey	PC	1.00
911	V631.60-90-04	POWER WIRES, 24 VAC	PC	1.00
913	ME374000.408	MODULE SET FSCH3M+S2PWM-D.X	PC	1.00
914	V623.60-90-27	BASIN SAFETY SWITCH - ASSEMBLY	PC	1.00
915	ME735000.079	LABEL, LIGHTNING BOLT, W008-26 PVC SELF-ADHESIVE	PC	1.00
916	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	7.00
917	ME548231.004	EQUIPOTENTIAL SYMBOL	PC	1.00
918	ME374100.052	DENTIST'S PANEL POWER CABLE - ASSEMBLY	PC	1.00
919	V623.60-90-33	CHAIR POWER CABLE	PC	1.00
920	ME374100.051	WIRES, YV1 AND YV2	PC	2.00
921	ME374100.070	WIRE, GNYE	PC	1.00
922	ME374100.069	DOOR, PANEL GROUNDING EL. INSTALLATION	PC	1.00
923	ME371814.031	FUSE, T 6.3 A	PC	2.00
924	ME371814.030	FUSE, T5A	PC	1.00
925	ME371814.027	FUSE, 5X20 T 3.15 A/250 V	PC	1.00
926	ME374100.008	LUX DA270 VALVE WIRING HARNESS	PC	1.00
930	ME374010.077	U/UTP PATCH CABLE, Cat. 6, 0.25 m, grey	PC	1.00
931	ME345711.034	CLAMP, F0505 HC 101	PC	5.00
938	ME345000.030	SWITCH, MARQUARDT 1935.3118	PC	1.00
939	V400.01-00-36	LABEL, QM1	PC	1.00
940	ME374100.050	POWER CORD, 24 VAC	PC	1.00
941	V400.01-00-80	LABEL, YV1	PC	1.00
942	V400.01-00-81	LABEL, YV2	PC	1.00
943	ME374100.068	WIRE, GNYE YV1, YV2	PC	1.00
971	ME374100.002	MOTOR WIRING HARNESS	PC	1.00
972	V624.60-91-02	MOTOR EL. INSTALLATION - ASSEMBLY	PC	1.00
973	V624.60-91-03	POTENTIOMETER EL. INSTALLATION - ASSEMBLY	PC	1.00
974	ME374100.071	EARTHING WIRE ELECTRICAL INSTALLATION - ASSEMBLY	PC	1.00
975	ME735000.079	LABEL, LIGHTNING BOLT, W008-26 PVC SELF-ADHESIVE	PC	2.00
976	ME397900.012	CABLE TIE, F 0301 CV-094	PC	4.00
977	ME345711.034	CLAMP, F0505 HC 101	PC	3.00
978	V400.01-00-60	LABEL, SQ4	PC	1.00
979	V400.01-00-61	LABEL, SQ5	PC	1.00
980	V400.01-00-01	LABEL, M1	PC	1.00
981	V400.01-00-25	LABEL, C1	PC	1.00
912	V400.01-01-40	LABEL, TEXT	PC	1.00
983	ME735010.030	LABEL, HOT SURFACE	PC	1.00
984	ME735010.031	LABEL, PINCH POINT	PC	1.00

K-003 = FULL

Pos.	Item no.	Product name	Unit	Quantity.
901	ME374000.400	PB_LUX11 MODULE 2.X	PC	1.00
902	ME374100.008	LUX DA270 VALVE WIRING HARNESS	PC	1.00
903	ME374000.322	EB_230_6 MODULE	PC	1.00

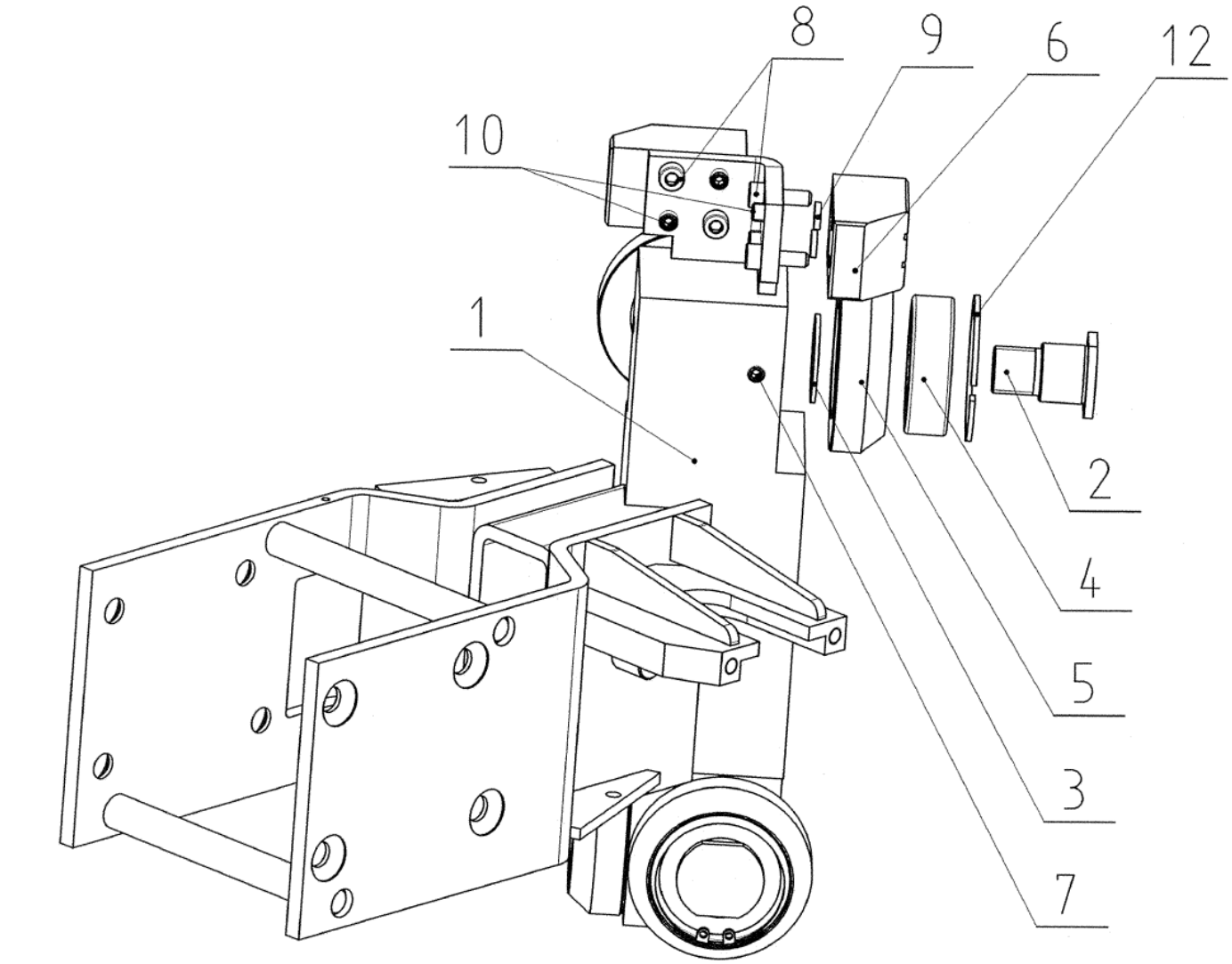
904	ME374100.041	SWITCH WIRES - ASSEMBLY	PC	1.00
905	ME374000.342	EB_LUX6 MODULE	PC	1.00
906	V631.60-90-07	TRANSFORMER - ASSEMBLY	PC	1.00
907	ME374000.408	MODULE SET FSCH3M+S2PWM-D.X	PC	1.00
908	V623.60-90-27	BASIN SAFETY SWITCH - ASSEMBLY	PC	1.00
909	V623.60-90-33	CHAIR POWER CABLE	PC	1.00
910	V631.60-90-04	POWER WIRES, 24 VAC	PC	1.00
912	V624.60-91-03	POTENTIOMETER EL. INSTALLATION - ASSEMBLY	PC	1.00
913	ME374100.071	EARTHING WIRE ELECTRICAL INSTALLATION - ASSEMBLY	PC	1.00
914	ME374100.002	MOTOR WIRING HARNESS	PC	1.00
915	V400.01-00-01	LABEL, M1	PC	1.00
916	V400.01-00-60	LABEL, SQ4	PC	1.00
917	V400.01-00-61	LABEL, SQ5	PC	1.00
918	ME735010.030	LABEL, HOT SURFACE	PC	1.00
919	ME735010.031	LABEL, PINCH POINT	PC	1.00
920	ME735000.079	LABEL, LIGHTNING BOLT, W008-26 PVC SELF-ADHESIVE	PC	3.00
921	V624.60-91-02	MOTOR EL. INSTALLATION - ASSEMBLY	PC	1.00
922	V400.01-00-25	LABEL, C1	PC	1.00
923	ME374100.051	WIRES, YV1 AND YV2	PC	2.00
924	ME374100.052	DENTIST'S PANEL POWER CABLE - ASSEMBLY	PC	1.00
925	ME374010.061	U/UTP PATCH CABLE, Cat. 6, 1.5 m, grey	PC	1.00
926	V631.60-90-03	ELECTRICAL INSTALLATION FOR FOOT CONTROLLER	PC	1.00
927	ME374060.012	CABLE CONNECTOR, RJ45	PC	1.00
928	ME374010.077	U/UTP PATCH CABLE, Cat. 6, 0.25 m, grey	PC	1.00
929	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	4.00
930	ME374100.069	DOOR, PANEL GROUNDING EL. INSTALLATION	PC	1.00
931	ME374100.070	WIRE, GNYE	PC	1.00
932	ME397900.012	CABLE TIE, F 0301 CV-094	PC	10.00
933	ME345711.034	CLAMP, F0505 HC 101	PC	6.00
934	V400.01-01-40	LABEL, TEXT	PC	1.00
935	ME371814.027	FUSE, 5X20 T 3.15 A/250 V	PC	1.00
936	ME371814.030	FUSE, T5A	PC	1.00
937	ME371814.031	FUSE, T 6.3 A	PC	2.00
938	ME345000.030	SWITCH, MARQUARDT 1935.3118	PC	1.00
939	V400.01-00-36	LABEL, QM1	PC	1.00
940	ME374100.050	POWER CORD, 24 VAC	PC	1.00
941	V400.01-00-80	LABEL, YV1	PC	1.00
942	V400.01-00-81	LABEL, YV2	PC	1.00
943	ME374100.068	WIRE, GNYE YV1, YV2	PC	1.00

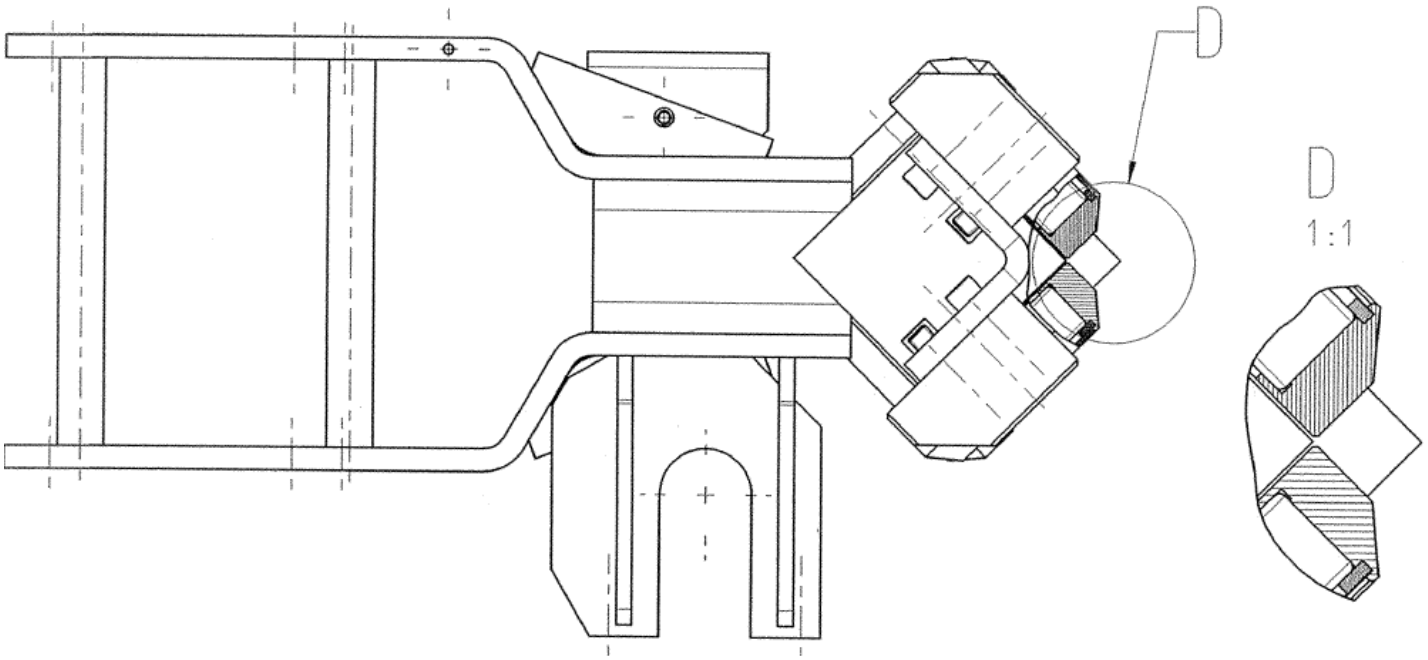
>>SPITTOON BLOCK FRAME - V624.60-01-00.1

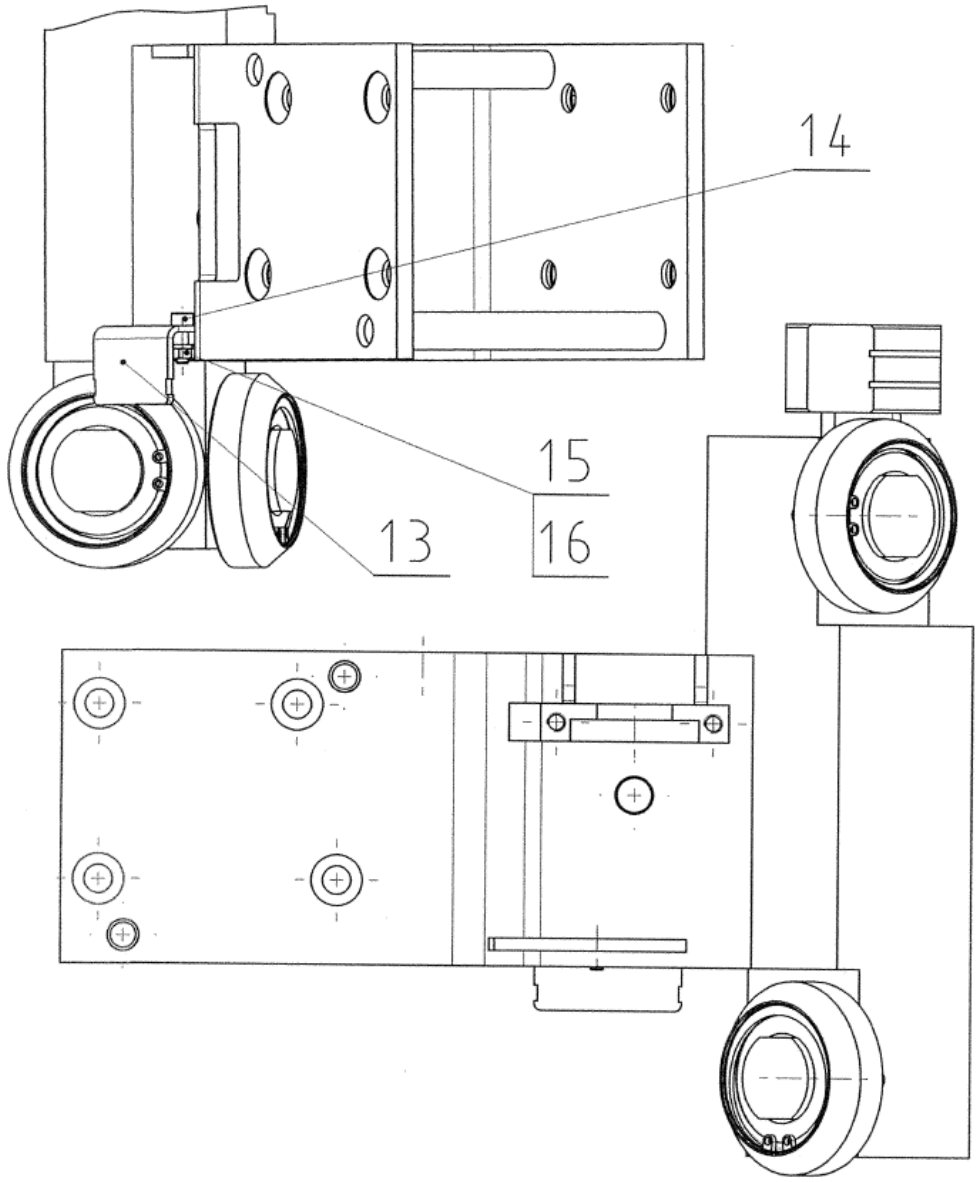


Pos.	Item no.	Product name	Unit	Quantity
001	V624.60-11-00.P	BASE, RIGHT / WHT1	PC	1.00
002	V624.60-12-00.1	ARM HOLDER POST / WHT1	PC	1.00
003	V624.60-14-00	MECHANISM POST / WHT1	PC	1.00
004	V624.60-16-00	FRAME SHEET METAL - GROUP	PC	1.00
005	ME311214.014	WASHER, P 10.2	PC	6.00
006	ME309543.021	THREADED FASTENER, M 10X20	PC	6.00
007	ME311214.013	WASHER, P 8.2	PC	4.00
008	ME309543.011	THREADED FASTENER, M 8X16	PC	4.00
009	ME309543.069	THREADED FASTENER, M 5X8	PC	8.00
010	ME311214.031	WASHER, P 5.1	PC	6.00
011	ME309543.058	THREADED FASTENER, M 5X10	PC	6.00
012	ME311214.025	WASHER, P 4	PC	2.00
013	ME309543.105	THREADED FASTENER, M 4X10	PC	2.00
015	V624.60-23-00.3	ASSISTANT'S CONSOLE ARM HOLDER - LEFT / WHT1	PC	1.00
016	ME311210.020	WASHER, P 5.3	PC	4.00
017	ME309287.033	THREADED FASTENER, M 5X8	PC	4.00
018	V624.60-14-09	SHEET METAL GUIDES	PC	1.00
019	ME309255.044	THREADED FASTENER, M 4X10	PC	2.00

>>CARRIAGE WITH BEARINGS - V624.60-17-00

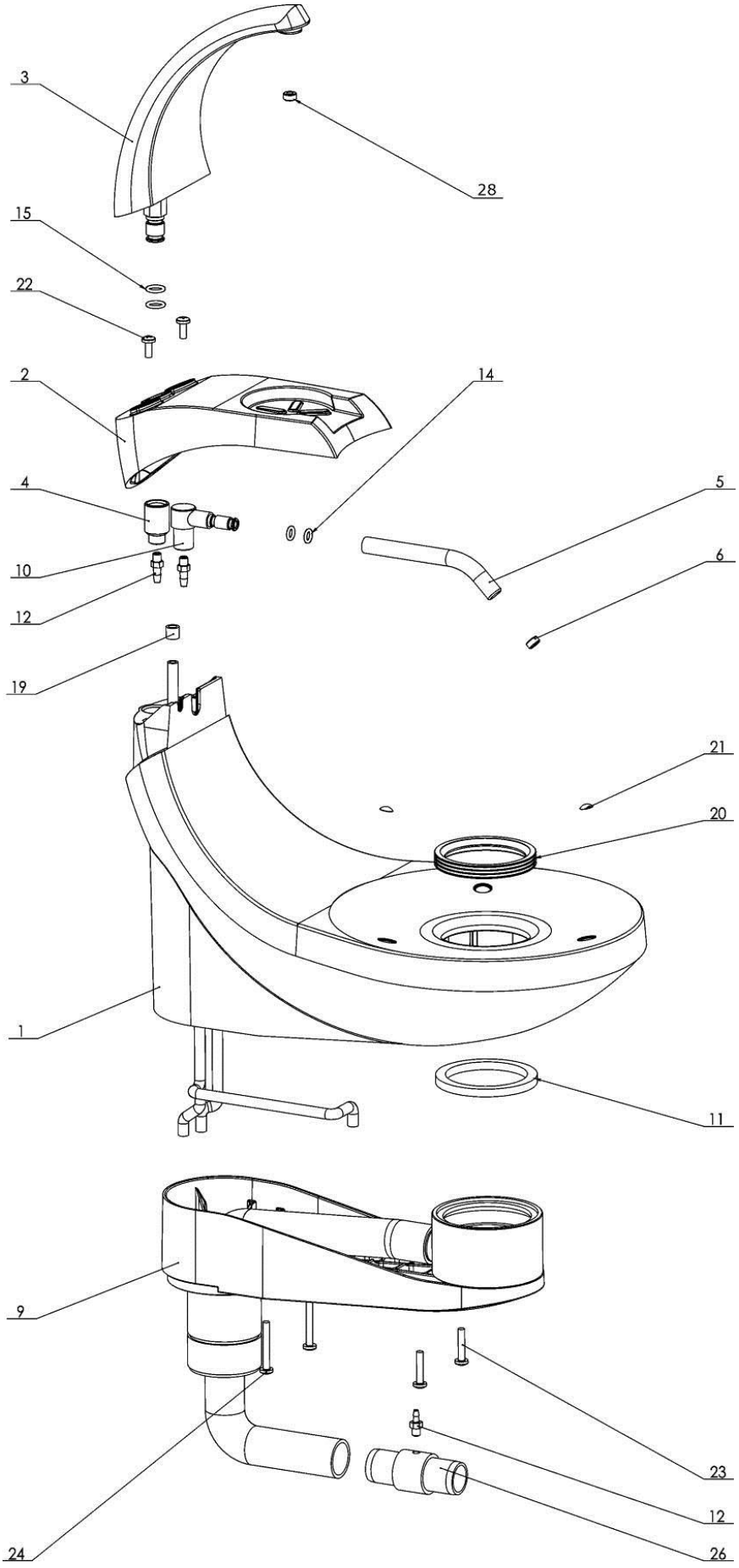


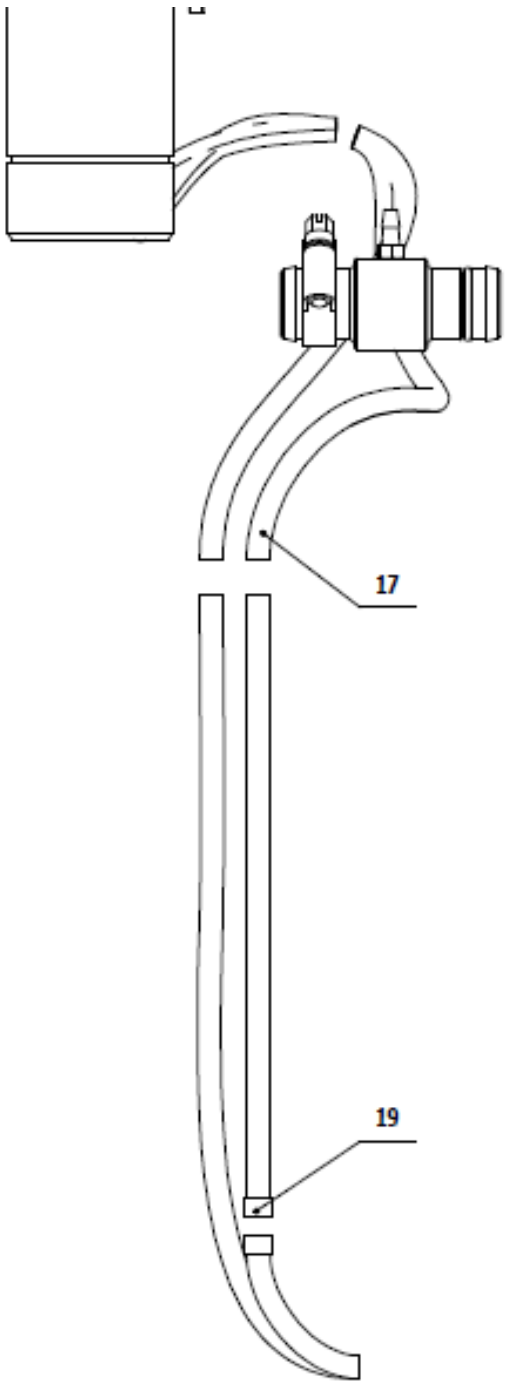


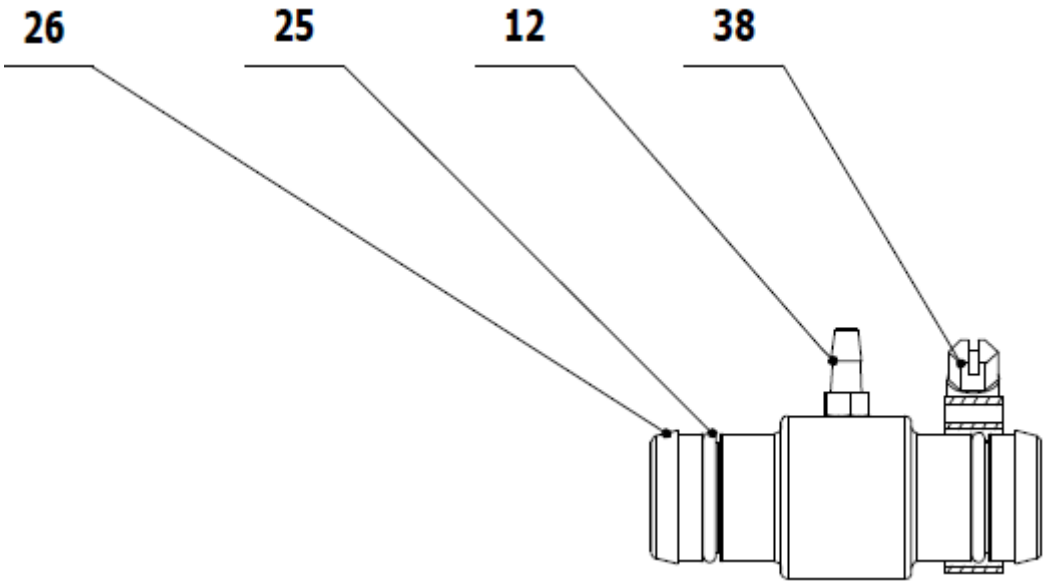


Pos.	Item no.	Product name	Unit	Quantity
001	V624.60-18-00	BEARING HOUSING - GROUP	PC	1.00
002	V624.60-17-02	BEARING CAP	PC	4.00
003	V624.60-17-03	BEARING BASE	PC	4.00
004	ME778000.048	BEARING, 6204 2RS	PC	4.00
005	V624.60-17-05	BEARING RING	PC	4.00
006	V624.60-17-07	SLIDE	PC	2.00
007	ME309287.035	THREADED FASTENER, M 6x12	PC	4.00
008	ME309231.073	THREADED FASTENER, M 5X16	PC	4.00
009	V624.60-17-09	SLIDE BASE	PC	4.00
010	ME309287.027	THREADED FASTENER, M 6x10	PC	4.00
012	ME311733.018	LOCK RING P 47	PC	4.00
013	V624.60-18-20	ANGLE BRACKET	PC	1.00
014	ME309000.008	THREADED FASTENER, M 4X12	PC	1.00
015	ME311120.016	NUT, M 4	PC	1.00
016	ME311214.025	WASHER, P 4	PC	1.00

>>BASIN HOLDER - GREY CUP HOLDER - V618.60-14-00.1

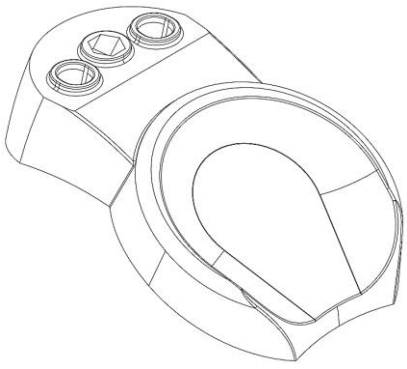






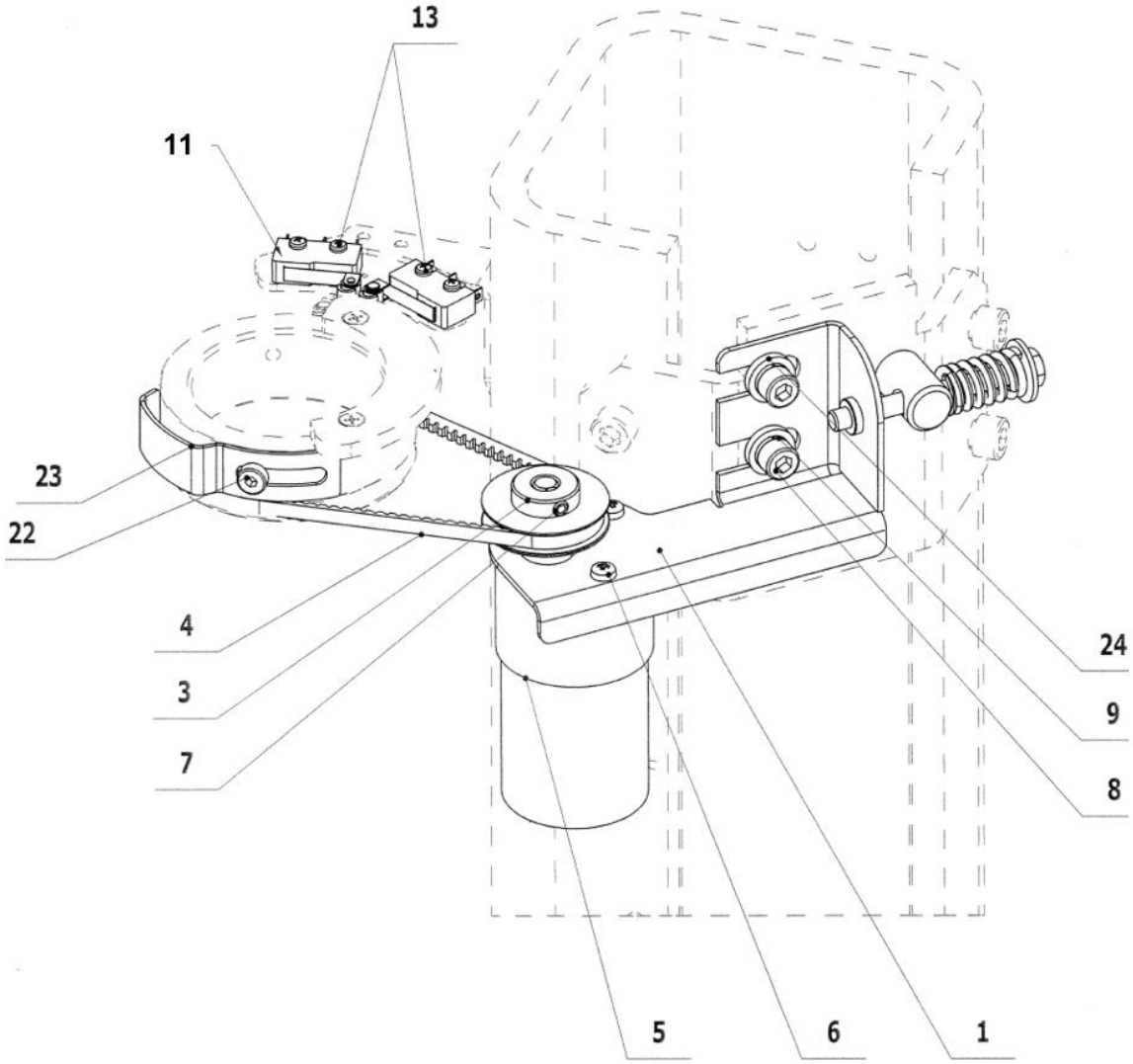
Pos.	Item no.	Product name	Unit	Quantity.
001	V618.60-14-01	BASIN HOLDER BODY	PC	1.00
002>>	V622.60-14-02	GREY CUP HOLDER	PC	**OPTION**
003	V618.60-14-03	TAP / WHT1	PC	1.00
004	V618.60-14-04	CUP FILL TUBE SLEEVE	PC	1.00
005	V618.60-14-05	BASIN RINSE TUBE	PC	1.00
006	V618.60-14-06	NOZZLE	PC	1.00
009>>	V618.60-15-00	BASIN HOLDER BASE	PC	1.00
010	V618.60-16-00	RINSE TUBE BODY - ASSEMBLY	PC	1.00
011	ME273114.022	SPACER RING, 5x52x62 VMQ 60°Sh WHITE	PC	1.00
012	ME336401.010	ADAPTER M5230-1	PC	3.00
014	ME273111.124	O RING, P 5x1.8 NBR80	PC	2.00
015	ME273111.125	O RING, P 8x1.8 NBR80	PC	2.00
017	ME345711.036	HOSE, PUR 3.8/6.4 GREEN	m	1.96
019	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.02
020	ME273113.001	SEAL FOR HTB CURVE, DN 50	PC	1.00
021	ME273141.018	BUMPER, BUMPON SJ 5302 P 7.9	PC	3.00
022	ME309543.069	THREADED FASTENER, M 5X8	PC	2.00
023	ME309255.080	THREADED FASTENER, M 4X22	PC	2.00
024	ME309255.048	THREADED FASTENER, M 4X30	PC	2.00
026	V618.68-00-06.1	NIPPLE	PC	1.00
028	V618.60-14-06.1	NOZZLE	PC	1.00
038	ME397800.015	CABLE TIE, F0301 CV-200	PC	1.00

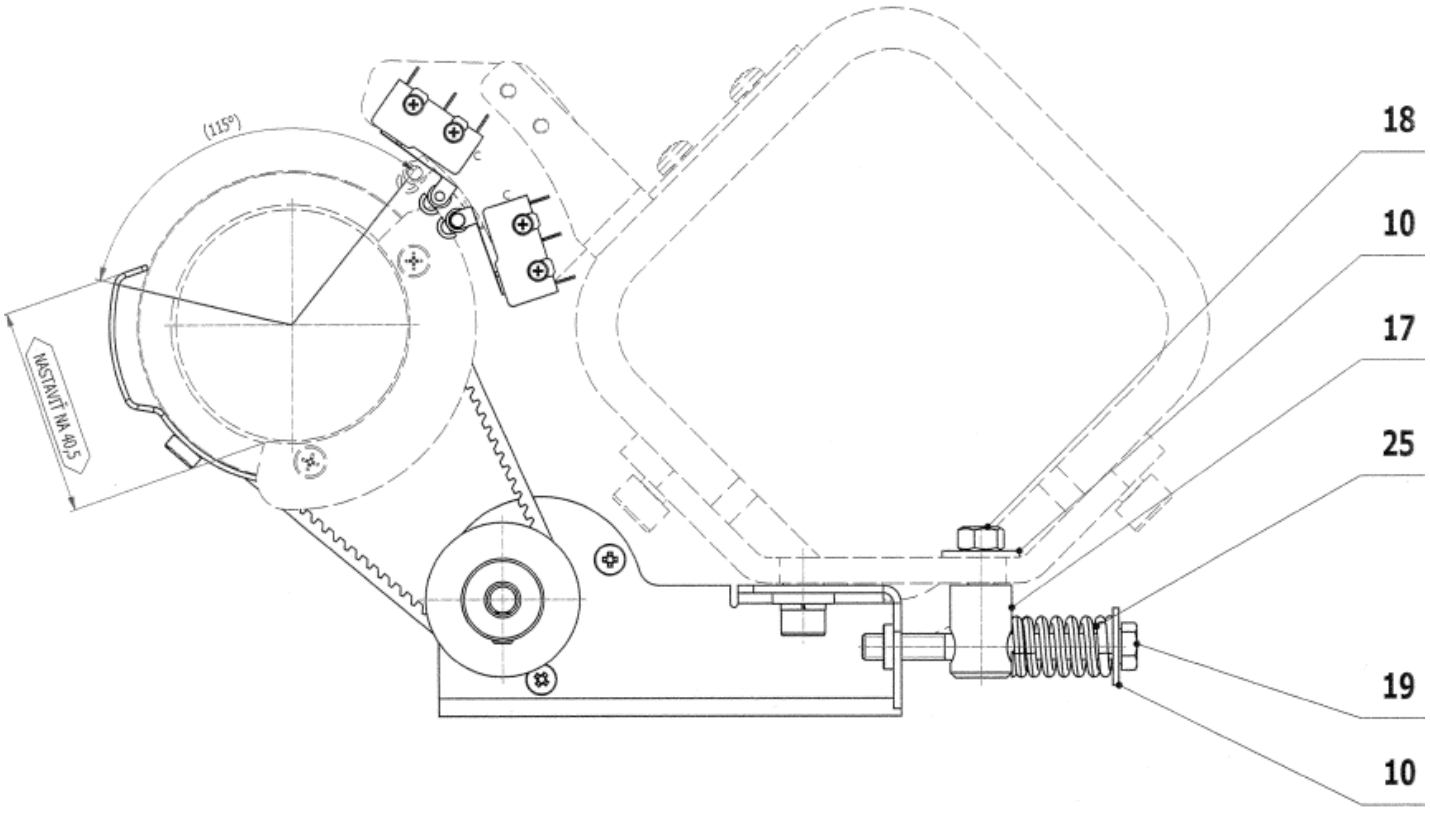
>>CUP HOLDER - V622.60-14-02



►BASIN HOLDER EL. DRIVE ACCESSORY - V624.75-00-00.2 K-003

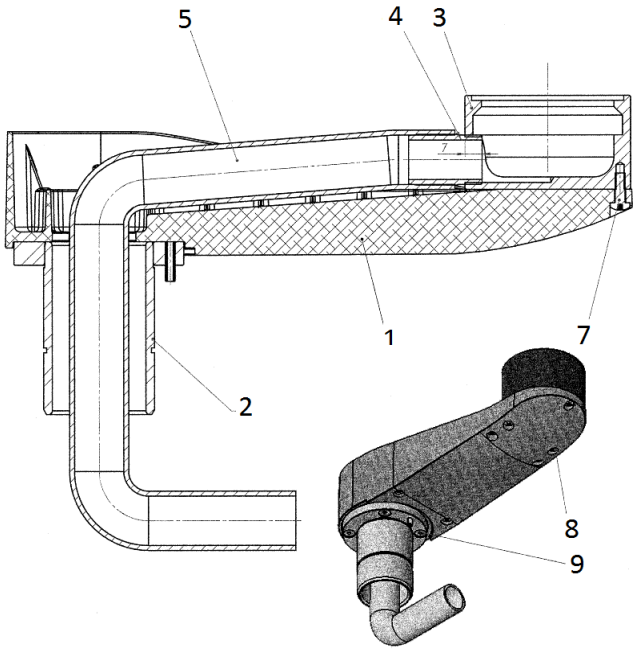
(Only for the FULL version)





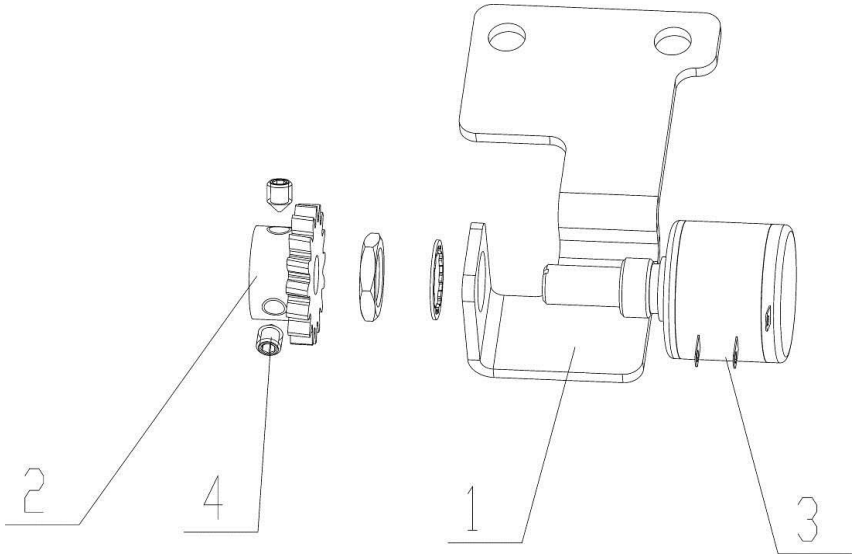
Pos.	Item no.	Product name	Unit	Quantity
001	V624.75-01-00.1	DRIVE HOLDER, COMPLETE	PC	1.00
003	V618.70-00-03.1	SMALL PULLEY	PC	1.00
004	ME272781.002	BELT, OPTIBELT-VB 5x260Li	PC	1.00
005	ME359525.006	MOTOR SL-37GB35 24 VDC	PC	1.00
006	ME309255.081	THREADED FASTENER, M 3X4	PC	3.00
007	ME309543.100	THREADED FASTENER, M 4X6	PC	1.00
008	ME309543.058	THREADED FASTENER, M 5X10	PC	2.00
009	ME311214.037	WASHER, P 5	PC	2.00
010	ME311212.018	WASHER, P 5.3	PC	2.00
011	ME374415.015	MICRO SWITCH, OMRON SS-5GL2	PC	2.00
013	ME309251.101	THREADED FASTENER, M 2X8	PC	4.00
017	V618.70-00-04	TENSIONING PIN	PC	1.00
018	ME311120.075	NUT, M 5	PC	1.00
019	ME309201.001	THREADED FASTENER, M 5X50	PC	1.00
022	ME309543.108	THREADED FASTENER, M 4X6	PC	1.00
023	V618.70-02-03	LIMIT SWITCH BUMPER	PC	1.00
024	V618.70-00-30	SPACER	PC	2.00
025	ME315170.063	COMPRESSION SPRING, TL2000x120x0190	PC	1.00
901	ME374000.330	PB_BOWL3 MODULE	PC	1.00
902	V629.70-90-02	GUIDES FOR SQ13, SQ14	PC	1.00
903	V400.01-00-70	LABEL, SQ14	PC	1.00
904	V400.01-00-69	LABEL, SQ13	PC	1.00
906	ME343421.011	PVC INSULATING SLEEVE, 2.5X0.5, BLACK	M	0.03
907	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00
908	ME205292.005	MAGNET, RI-16-28.5-8	PC	1.00

>>BASIN HOLDER BASE - V618.60-15-00



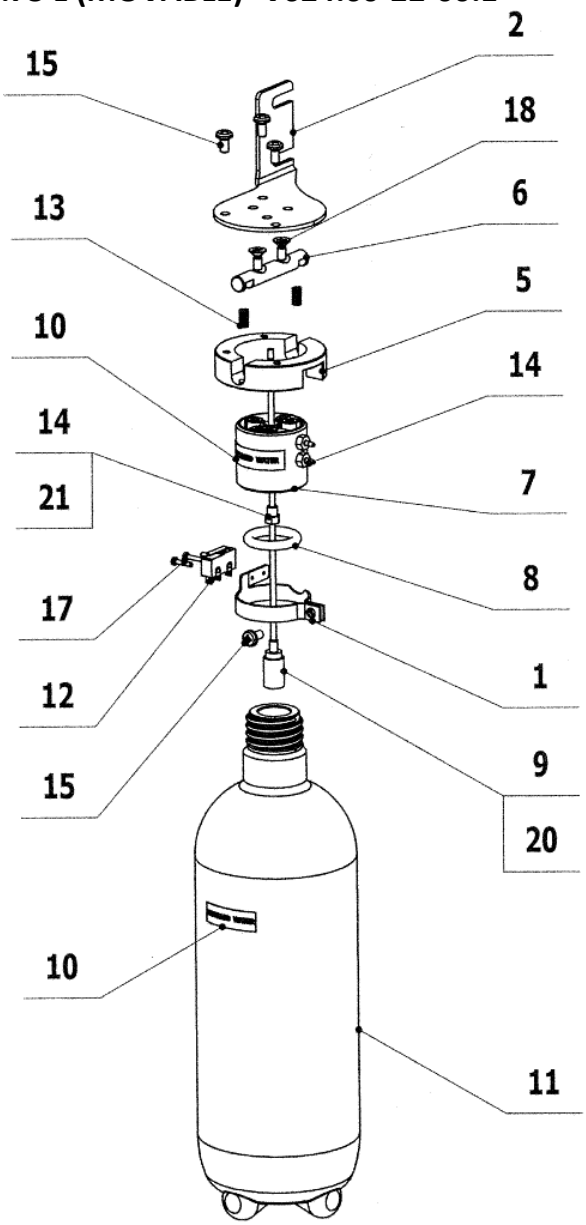
Pos.	Item no.	Product name	Unit	Quantity
001	V618.60-15-01	BASIN HOLDER CARRIER / WHT1	PC	1.00
002	V618.60-19-00.1	BASIN HOLDER PIN, LONG	PC	1.00
003	V618.60-15-03	DRAIN BODY	PC	1.00
004	V606.60-00-18.1	DRAIN TUBE	PC	1.00
005	ME286000.006	HOSE, SPIRAFLEX P20	M	0.37
007	ME309255.069	THREADED FASTENER, M 4X14	PC	1.00
008	ME309255.080	THREADED FASTENER, M 4X22	PC	2.00
009	ME307991.005	THREADED FASTENER, M 5X16	PC	4.00

>>VISHAY POTENTIOMETER - V624.60-21-00



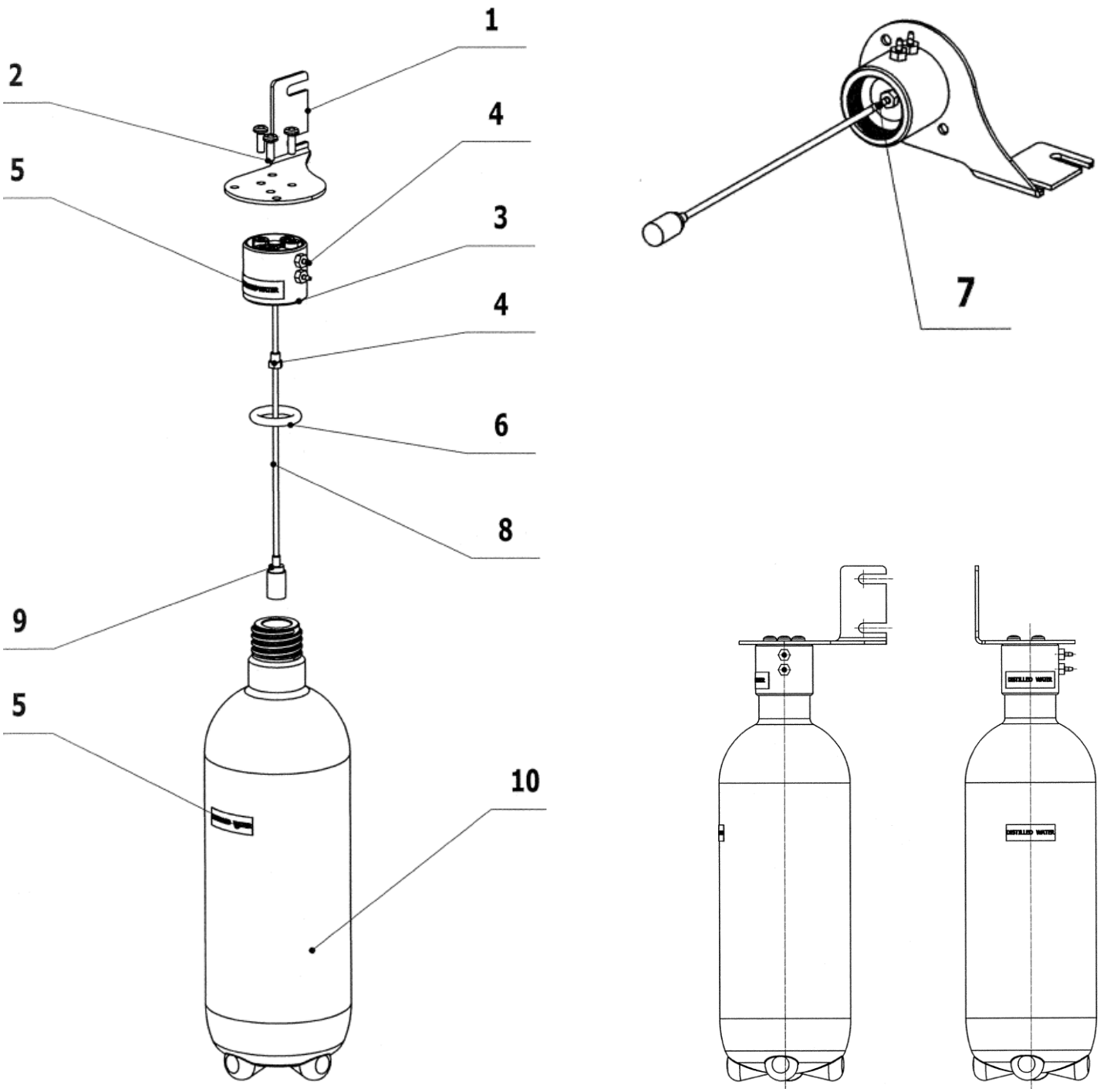
Pos.	Item no.	Product name	Unit	Quantity
001	V624.60-21-01	POTENTIOMETER HOLDER	PC	1.00
002	V624.60-21-02	GEAR - CANTED TEETH	PC	1.00
003	ME371212.010	POTENTIOMETER, 10 turn, 2 kΩ, D 6.3 mm	PC	1.00
004	ME311120.044	THREADED FASTENER, M 4X5	PC	2.00

>>CONTAINER FOR WATER, 0.75 L (MOVABLE)- V624.60-22-00.1



Pos.	Item no.	Product name	Unit	Quantity
001	V618.60-12-00	SWITCH COLLAR - ASSEMBLY	PC	1.00
002	V624.60-22-02.1	CONTAINER HOLDER	PC	1.00
005	V606.60-00-24.2	SLEEVE	PC	1.00
006	V606.60-00-25.1	HEAD LINE CONNECTIONS	PC	1.00
007	V606.60-00-23.3	HEAD, DL 250	PC	1.00
008	ME273000.032	FLANGE GASKET, 657, 1/2	PC	1.00
009	ME429310.004	AIR BLOCK, SMALL	PC	1.00
010	ME735010.004	SELF-ADHESIVE FOIL 4-606.60-00-99	PC	2.00
011	ME563313.007	CONTAINER, 0.75LS - FVG1	PC	1.00
012	ME374415.031	MICRO SWITCH, OMRON SS-5GL 13	PC	1.00
013	ME315000.121	SPRING, TL 0400x044x0117	PC	2.00
014	ME336401.008	ADAPTER M5210-1	PC	3.00
015	ME309543.068	THREADED FASTENER, M 4X8	PC	4.00
017	ME309255.071	THREADED FASTENER, M 2X10	PC	2.00
018	ME309251.093	THREADED FASTENER, M 4X14	PC	2.00
020	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.25
021	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.03

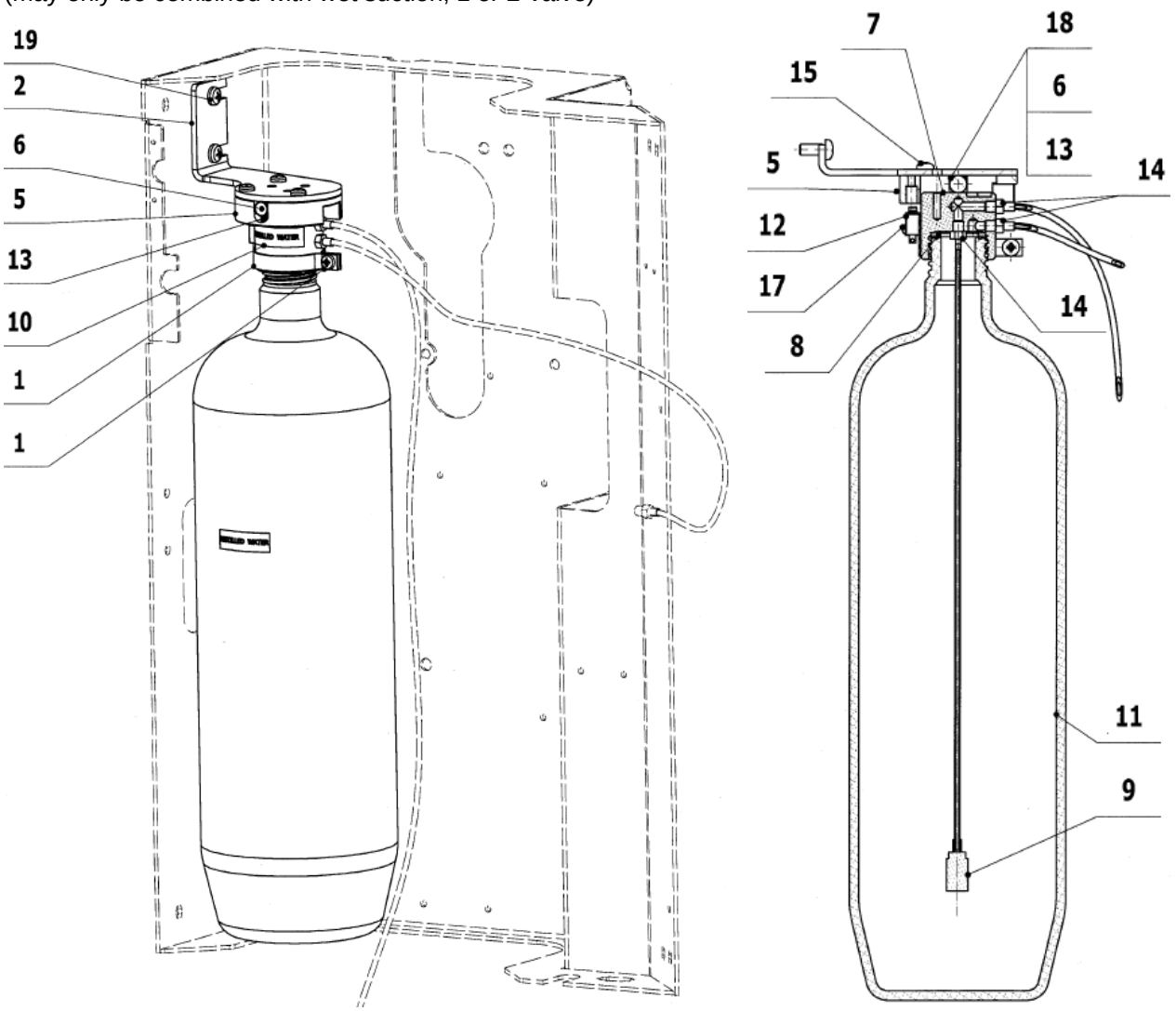
>>CONTAINER FOR WATER, 0.75 L (FIXED)- V623.60-22-00



Pos.	Item no.	Product name	Unit	Quantity
001	V624.60-22-02.1	CONTAINER HOLDER	PC	1.00
002	ME309543.072	THREADED FASTENER, M 4X12	PC	3.00
003	V606.60-00-23.3	HEAD, DL 250	PC	1.00
004	ME336401.008	ADAPTER M5210-1	PC	3.00
005	ME735010.004	SELF-ADHESIVE FOIL 4-606.60-00-99	PC	2.00
006	ME273000.032	FLANGE GASKET, 657, 1/2	PC	1.00
007	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.03
008	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.25
009	ME429310.004	AIR BLOCK, SMALL	PC	1.00
010	ME563313.007	CONTAINER, 0.75LS - FVG1	PC	1.00

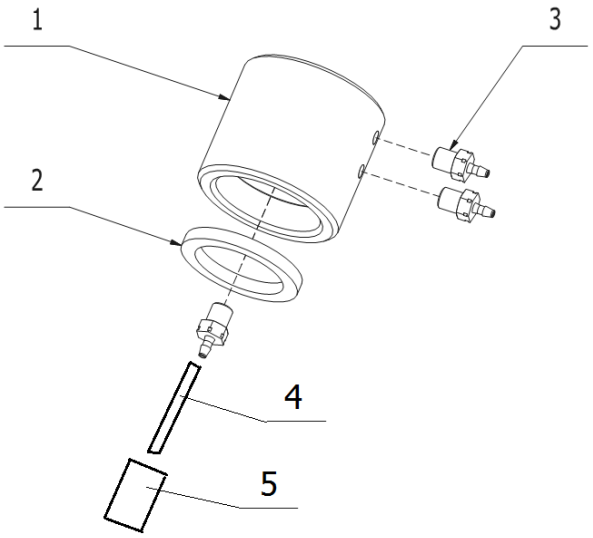
>>CONTAINER FOR WATER, 2 L - V624.78-00-00

(may only be combined with wet suction, 1 or 2-valve)



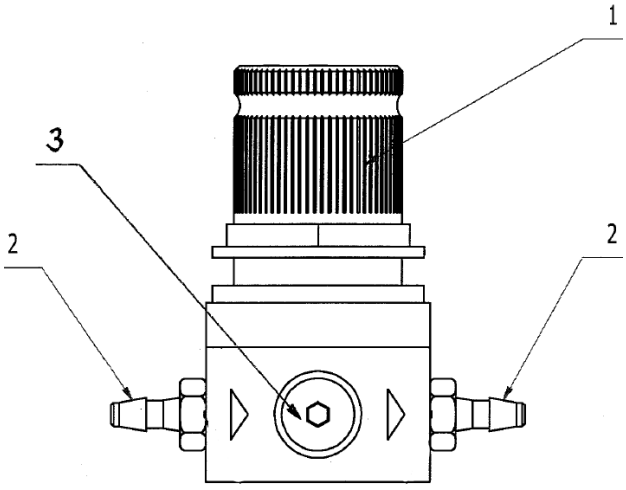
Pos.	Item no.	Product name	Unit	Quantity
001	V618.60-12-00	SWITCH COLLAR - ASSEMBLY	PC	1.00
002	V624.60-22-02.2	HOLDER, 2 L CONTAINER	PC	1.00
005	V606.60-00-24.2	SLEEVE	PC	1.00
006	V606.60-00-25.1	HEAD LINE CONNECTIONS	PC	1.00
007	V606.60-00-23.3	HEAD, DL 250	PC	1.00
008	ME273000.032	FLANGE GASKET, 657, 1/2	PC	1.00
009	ME429310.004	AIR BLOCK, SMALL	PC	1.00
010	ME735010.004	SELF-ADHESIVE FOIL 4-606.60-00-99	PC	2.00
011	ME551110.020	PLASTIC CONTAINER, 2-litre	PC	1.00
012	ME374415.031	MICRO SWITCH, OMRON SS-5GL 13	PC	1.00
013	ME315000.126	SPRING 0500x055x0012 TL	PC	2.00
014	ME336401.008	ADAPTER M5210-1	PC	3.00
015	ME309543.068	THREADED FASTENER, M 4X8	PC	4.00
017	ME309255.071	THREADED FASTENER, M 2X10	PC	2.00
018	ME309251.093	THREADED FASTENER, M 4X14	PC	2.00
019	ME309255.041	THREADED FASTENER, M 5X12	PC	2.00
020	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.33
021	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.02

▶SP: HEAD, COMPLETE - V690.00-01-00



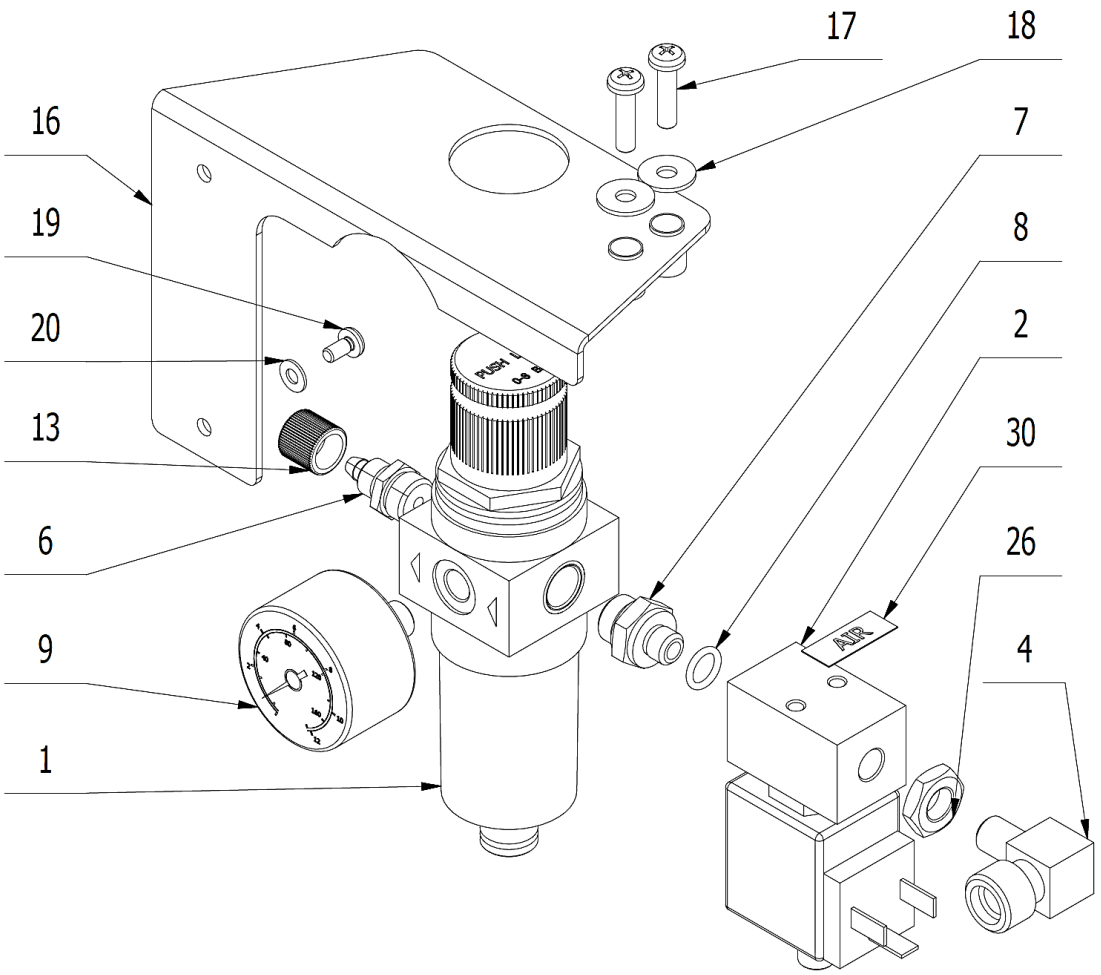
Pos.	Item no.	Product name	Unit	Quantity
001	V606.60-00-23.3	HEAD, DL 250	PC	1.00
002	ME273000.032	FLANGE GASKET, 657, 1/2	PC	1.00
003	ME336401.008	ADAPTER M5210-1	PC	3.00
004	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.33
005	ME429310.004	AIR BLOCK, SMALL	PC	1.00

>>AIR PRESSURE REGULATOR - V622.60-00-01



Pos.	Item no.	Product name	Unit	Quantity
001	ME392662.012	PRESSURE REGULATOR, MR BIT 1/8 04	PC	1.00
002	ME336401.028	ADAPTER 18240-1	PC	2.00
003	ME392662.034	PLUG FOR REGULATOR, 1/8	PC	1.00

>>AIR REGULATION - V624.60-25-00



ME392662.015



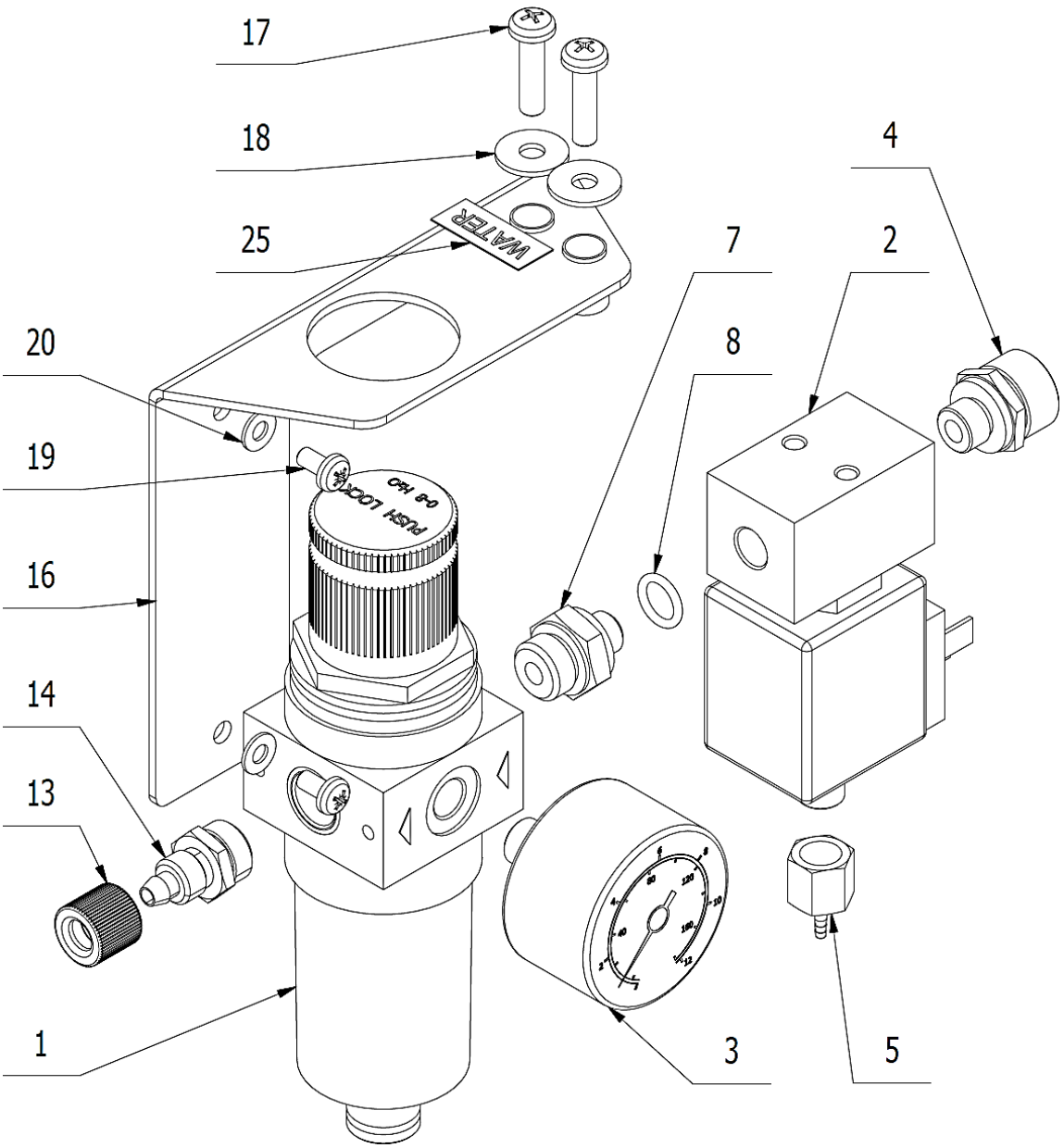


ME392662.013



Pos.	Item no.	Product name	Unit	Quantity
001	ME392662.036	FILTER, REGULATOR FRBIT 1/4 2008 RMSA	PC	1.00
002	ME405658.015	SOLENOID VALVE, D310 DN2 G1/8”	PC	1.00
004	V608.01-06-00	CONNECTOR, 3/8"x1/8", 90° ANGLE	PC	1.00
006	V606.01-04-06	PORT, 1/4"x10x1	PC	1.00
007	V606.01-02-07	CONNECTOR, 1/8"x1/4"	PC	1.00
008	ME273111.113	O RING, P 6.9x1.8 NBR80	PC	1.00
009	ME392662.033	PRESSURE GAUGE, 1/8P 5205	PC	1.00
013	ME321822.014	NUT, 4-601.8-00-34	PC	1.00
016	V624.60-24-00	CONSOLE - AIR	PC	1.00
017	ME311120.057	THREADED FASTENER, M 5X20	PC	2.00
018	ME311212.018	WASHER, P 5.3	PC	2.00
019	ME309543.068	THREADED FASTENER, M 4X8	PC	2.00
020	ME311210.028	WASHER, P 4.3	PC	2.00
026	ME311120.091	NUT, M 10X1	PC	1.00
030	ME735010.033	LABEL, AIR	PC	1.00

>>WATER REGULATION - V624.60-26-00



ME392662.014





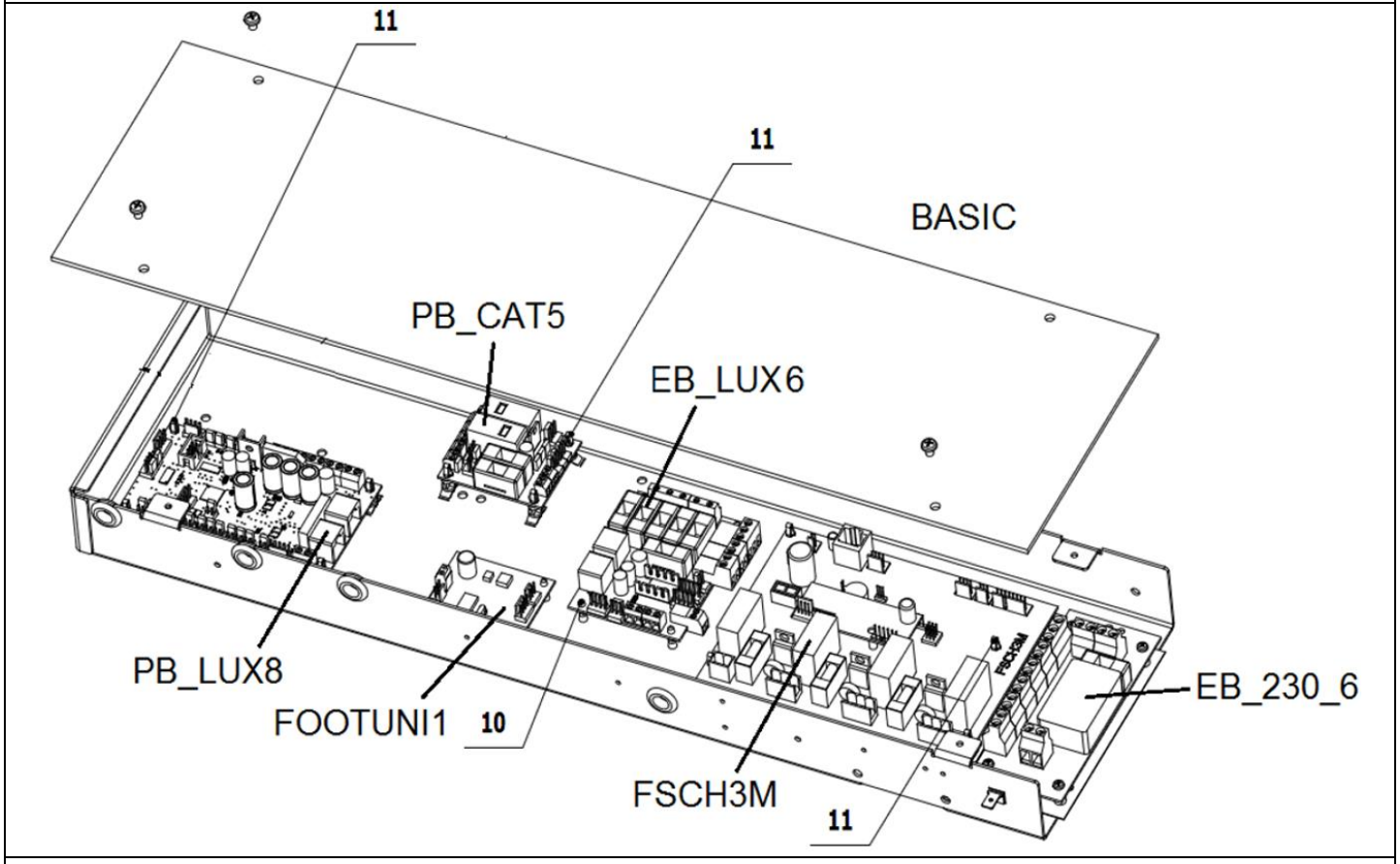
ME392662.024



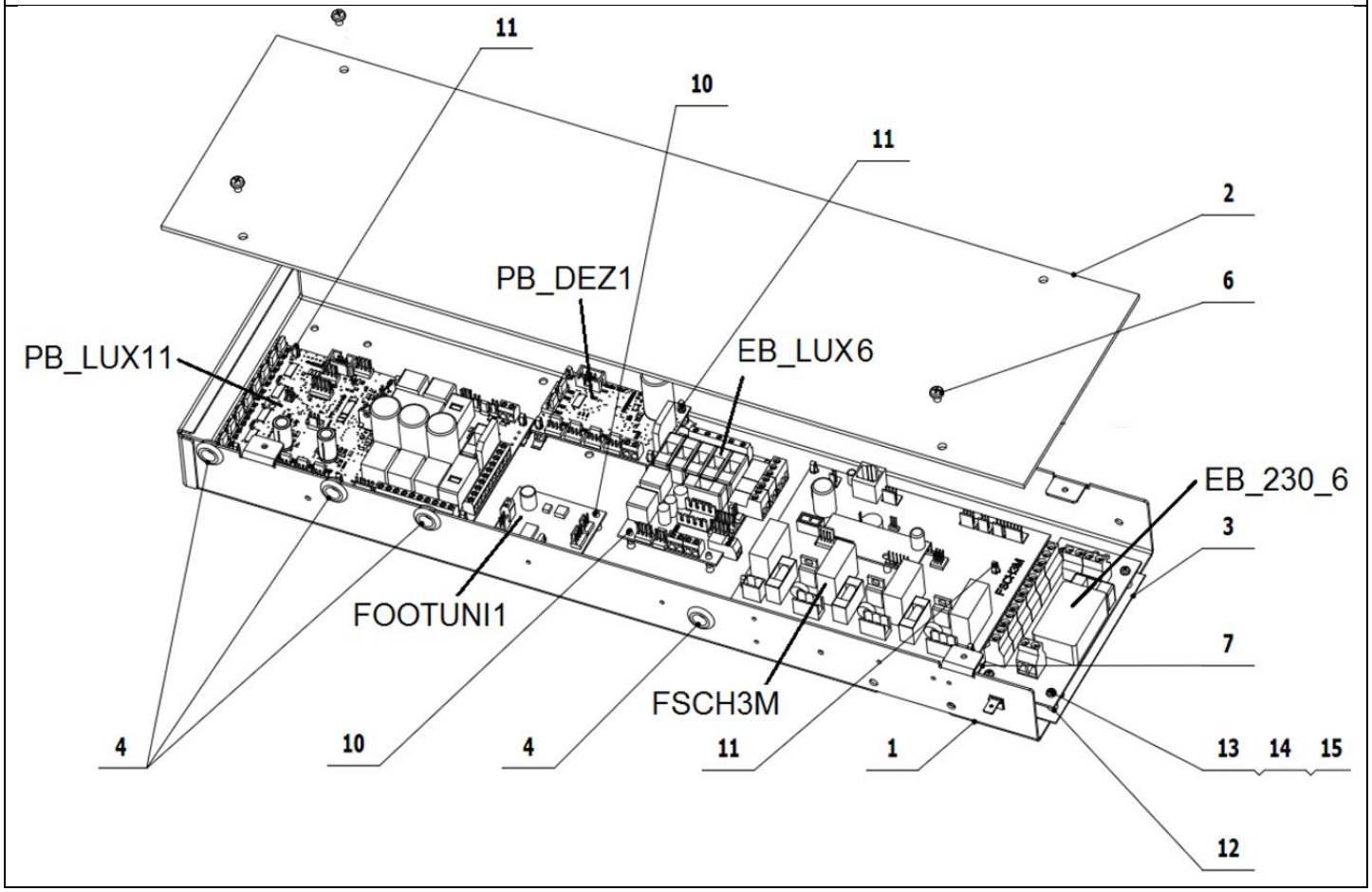
Pos.	Item no.	Product name	Unit	Quantity
001	ME392662.037	FILTER REGULATOR 5008 RM FRBIT 1/4, WATER	PC	1.00
004	V600.1-03-06	REDUCER	PC	1.00
002	ME405658.015	SOLENOID VALVE, D310 DN2 G1/8”	PC	1.00
003	ME392662.033	PRESSURE GAUGE, 1/8P 5205	PC	1.00
005	V600.1-14-00	COLLAR	PC	1.00
007	V606.01-02-07	CONNECTOR, 1/8"x1/4"	PC	1.00
008	ME273111.113	O RING, P 6.9x1.8 NBR80	PC	1.00
013	ME321822.014	NUT, 4-601.8-00-34	PC	1.00
014	V606.01-04-06	PORT, 1/4"x10x1	PC	1.00
016	V624.60-27-00	CONSOLE - WATER	PC	1.00
017	ME311120.057	THREADED FASTENER, M 5X20	PC	2.00
018	ME311212.018	WASHER, P 5.3	PC	2.00
019	ME309543.068	THREADED FASTENER, M 4X8	PC	2.00
020	ME311210.028	WASHER, P 4.3	PC	2.00
025	ME735010.034	LABEL, WATER	PC	1.00

>>ELECTRONICS PANEL AND MODULE LOCATIONS IN THE SPITTOON BLOCK – V631.60-28-00

BASIC VERSION



FULL VERSION

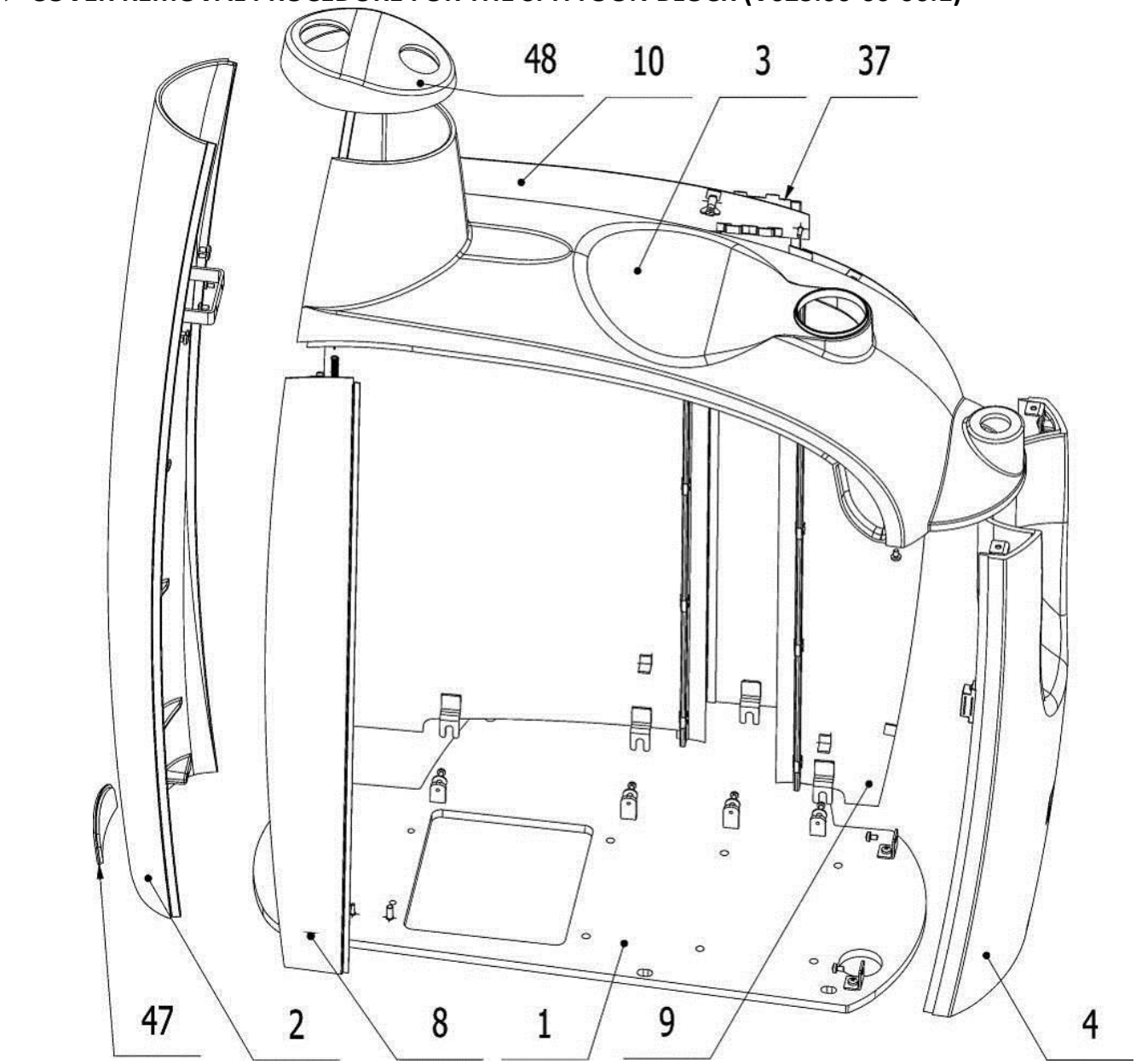


Pos.	Item no.	Product name	Unit	Quantity
001	V631.60-29-00	ELECTRONICS COVER, COMPLETE	PC	1.00
002	V624.60-28-02	TRANSPARENT COVER	PC	1.00
003	V623.60-28-03	BASE, EB230	PC	1.00
004	ME273121.041	BUSHING, TYPE F2, 9X1.5	PC	5.00
006	ME309251.114	SCREW M 4X6 DECORATIVE	PC	3.00
007	V624.60-28-07	BASE, FSCH3M MODULE	PC	1.00
010	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	12.00
011	ME371418.028	SPACER POST, H=9.5 MM, SNAP-TYPE	PC	22.00
012	ME371418.004	SPACER POST, 3.6X10, TYPE V5631B	PC	4.00
013	ME309255.077	THREADED FASTENER, M 3X18	PC	4.00
014	ME311210.026	WASHER, P 3.2	PC	4.00
015	ME311210.019	NUT, M 3	PC	4.00

Order codes for electronic modules:

Product name	Item no.
MODUL PB_CAT5	ME374000.331
MODUL EB_LUX6	ME374000.342
MODUL PB_ LUX8V2	ME374000.339
MODUL FOOTUNI1	ME374000.305
MODUL FSCH3M	ME374000.267
MODUL EB_230_6	ME374000.322
MODUL PB_LUX11	ME374000.362
MODUL PB_DEZ1	ME374000.359

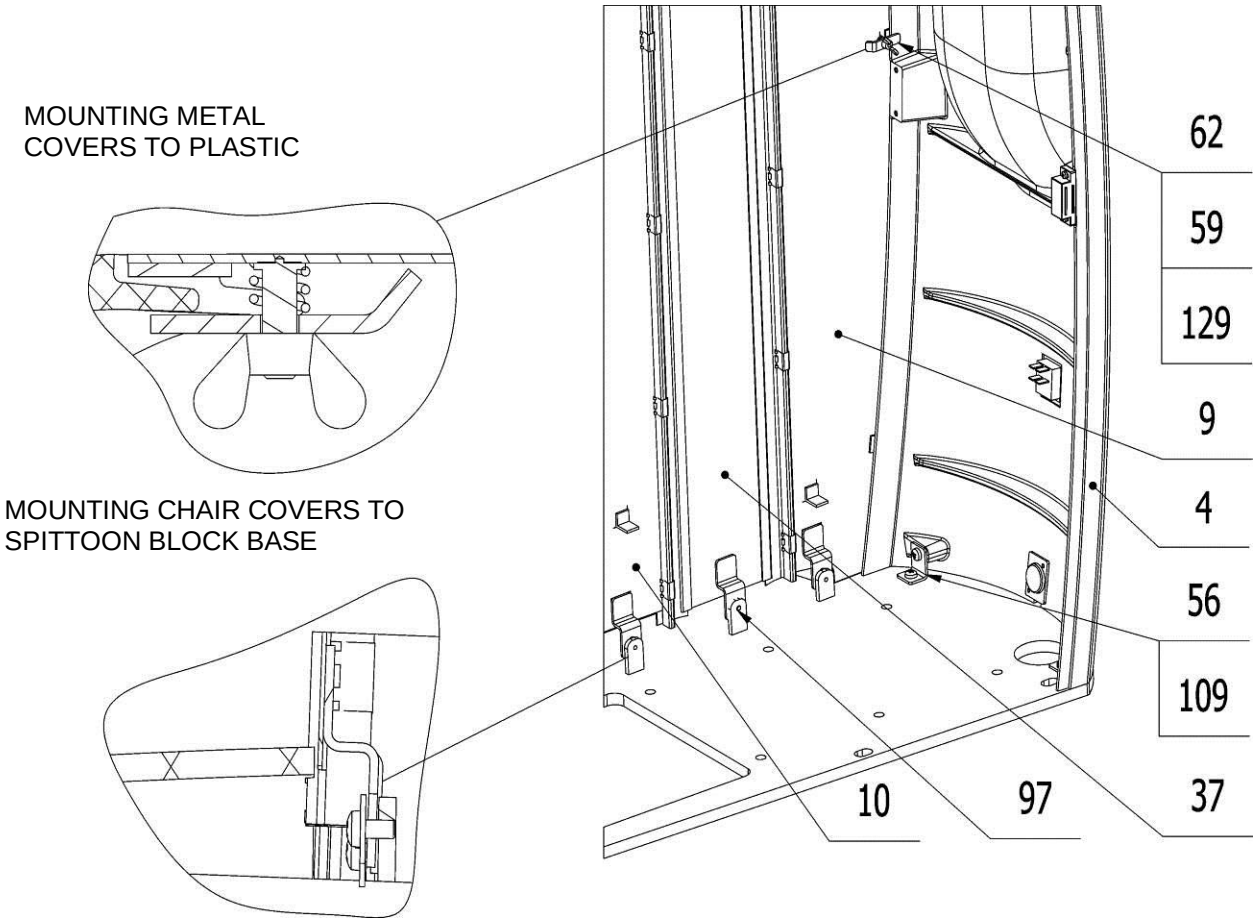
►COVER REMOVAL PROCEDURE FOR THE SPITTOON BLOCK (V623.60-00-00.1)



Remove in the following order: 1. (Pos. 8) 2. (Pos. 37) 3. (Pos. 9) 4. (Pos. 10) 5. (Pos. 48)

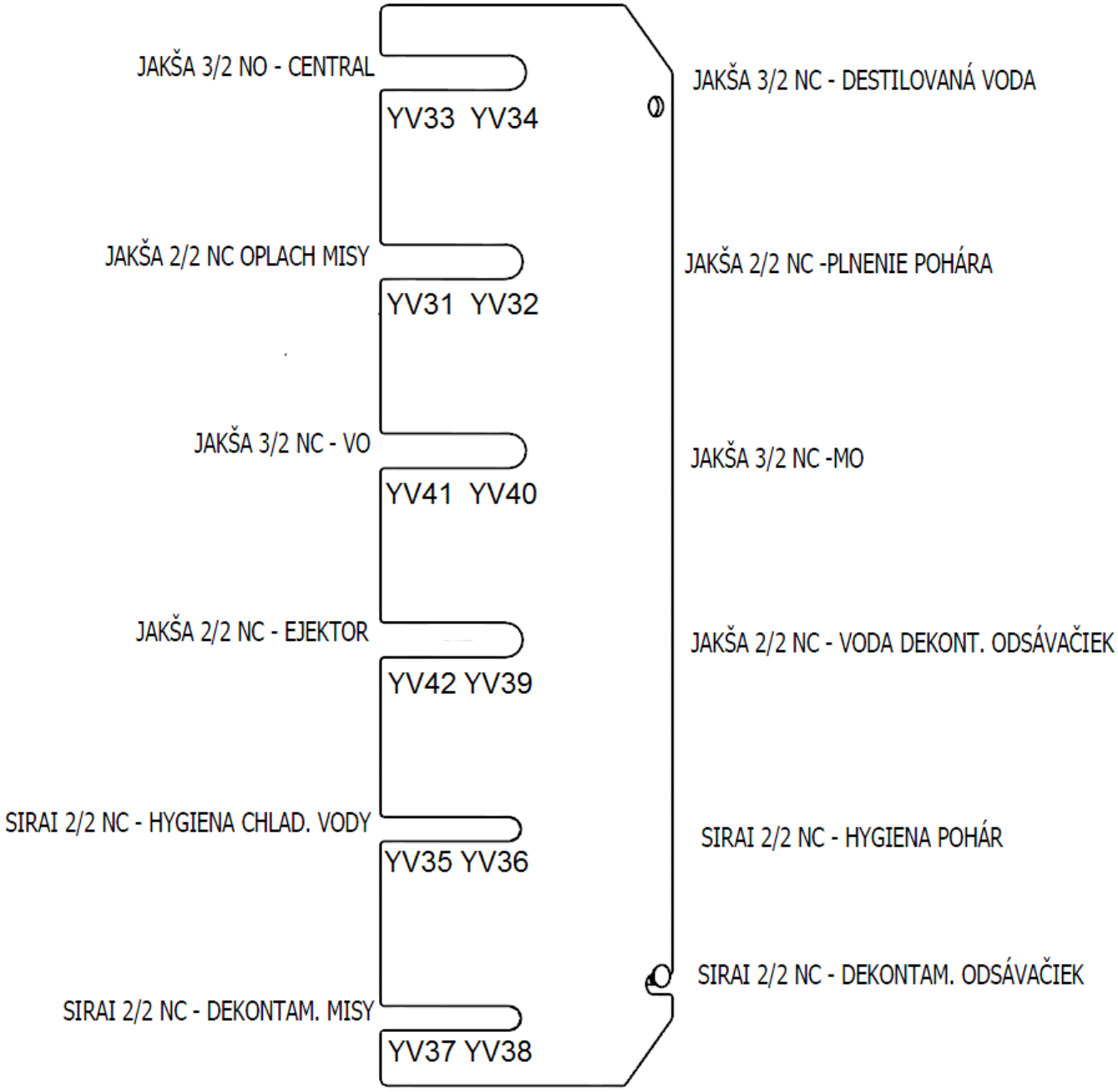
Pos.	Item no.	Part name
001	V624.60-01-00	SPITTOON BLOCK FRAME
002	V624.60-02-00	FRONT COVER
003	V624.60-03-00	TOP COVER
004	V624.60-04-00	REAR COVER
008	V624.60-08-00.1	SIDE COVER, COMPLETE, RIGHT
009	V624.60-09-00.3	HOSE COVER, RIGHT
010	V624.60-10-00.3	MECHANISM COVER, RIGHT
037	V624.60-37-00.2	COVER STRIP
047	V624.60-00-47	UTILITY BUSHING
048	V624.60-00-48	POST COVER

►COVER MOUNTING PROCEDURE FOR THE SPITTOON BLOCK (V623.60-00-00.1)



Pos.	Item no.	Part name
004	V624.60-04-00	REAR COVER
009	V624.60-09-00.3	HOSE COVER, RIGHT
010	V624.60-10-00.3	MECHANISM COVER, RIGHT
037	V624.60-37-00.2	COVER STRIP
056	V618.60-01-08	REAR COVER HANDLE, LOWER
059	V624.60-00-59	LOCK
062	ME311000.002	CLAMPING WING NUT, M 4
097	ME309543.068	THREADED FASTENER, M 4X8
109	ME309543.069	THREADED FASTENER, M 5X8
129	ME315170.051	SPRING, TL 0500x068x0017

►LOCATIONS OF VALVES IN THE SPITTOON BLOCK (V623.60-00-00.1)

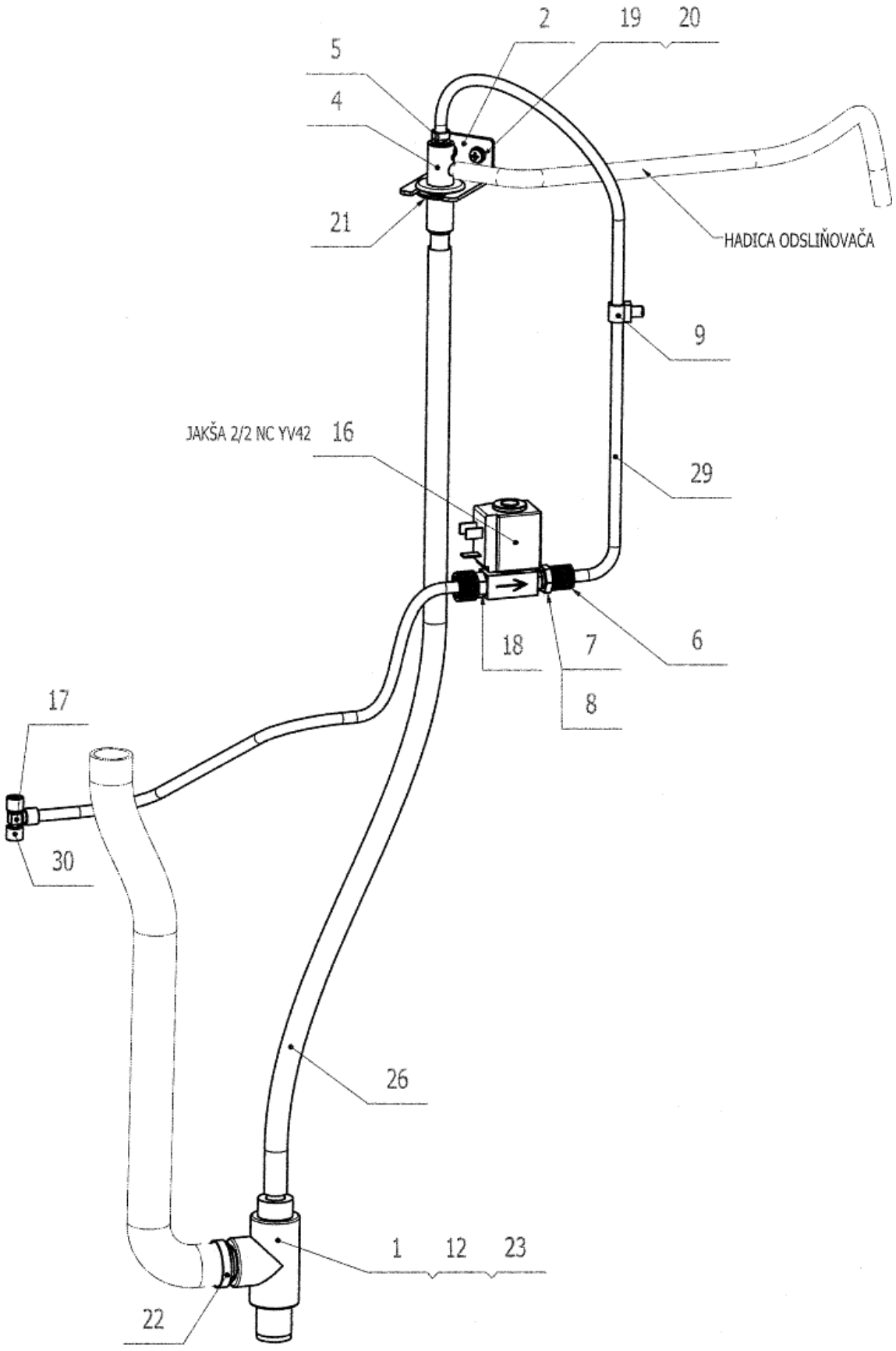


B3 - Spittoon block accessories

1 - Accessories: Ejector, Suction, Suction controls

►EJECTOR ACCESSORY - V624.76-00-00

1.	EJECTOR ACCESSORY	BASIC	V624.76-00-00 K-003
		FULL	V624.76-00-00 K-004



Pos.	Item no.	Product name	Unit	Quantity
001	V611.83-07-00	DRAIN BODY	PC	1.00
002	V618.71-00-02	EJECTOR HOLDER	PC	1.00
004	V600.8-08-00	EJECTOR	PC	1.00
005	V608.63-00-30	CONNECTOR	PC	1.00
006	ME321822.014	NUT, 4-601.8-00-34	PC	1.00
007	ME311120.091	NUT, M 10X1	PC	1.00
008	V600.8-00-39	COLLAR	PC	1.00
009	V607.80-38-00	RESTRICTOR - MODIFIED	PC	1.00
012	V611.83-00-12	EJECTOR DRAIN HOSE	PC	1.00
016	ME405658.010	SOLENOID VALVE, JAKSA D211	PC	1.00
017	ME336401.029	ADAPTER T230-1	PC	1.00
018	ME336402.001	THREADED COLLAR, FLAT	PC	1.00
019	ME309255.047	THREADED FASTENER, M 4X5	PC	2.00
020	ME311210.020	WASHER, P 5.3	PC	2.00
021	ME273121.039	BUSHING, TYPE F2, 15.5X1.6	PC	1.00
022	ME397800.015	CABLE TIE, F0301 CV-200	PC	1.00
023	ME273111.123	O RING, P 10X2 SILICONE	PC	2.00
026	ME286125.002	HOSE, PVC 8/13 TYPE RW 501	M	0.58
029	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.83
030	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.02

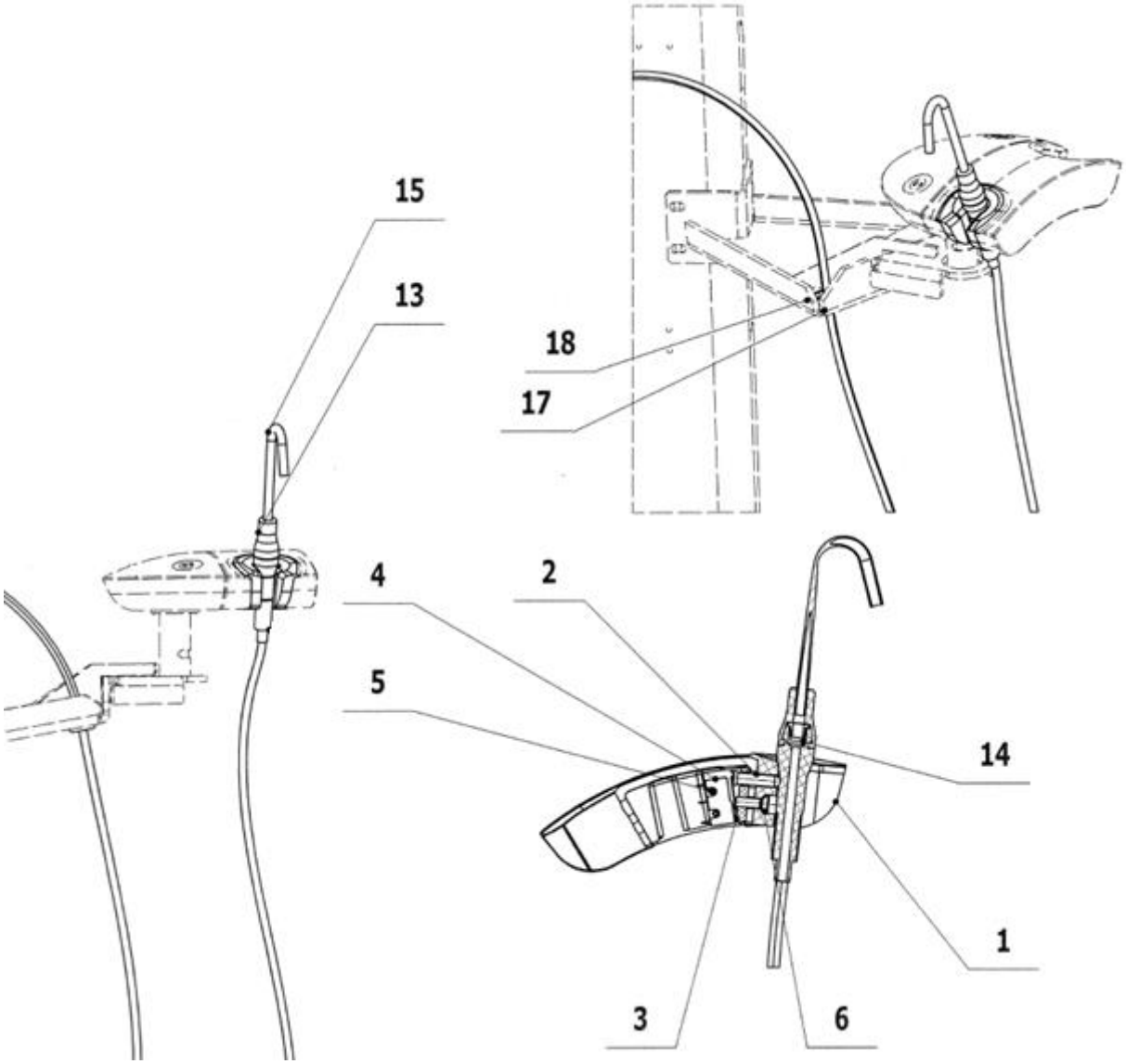
K-003 = BASIC

Pos.	Item no.	Product name	Unit	Quantity
901	ME341419.018	WIRE, LiY 0.25 VT VIOLET	M	4.40
904	ME343421.011	PVC INSULATING SLEEVE, 2.5X0.5, BLACK	M	0.02
905	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00

K-004 = FULL

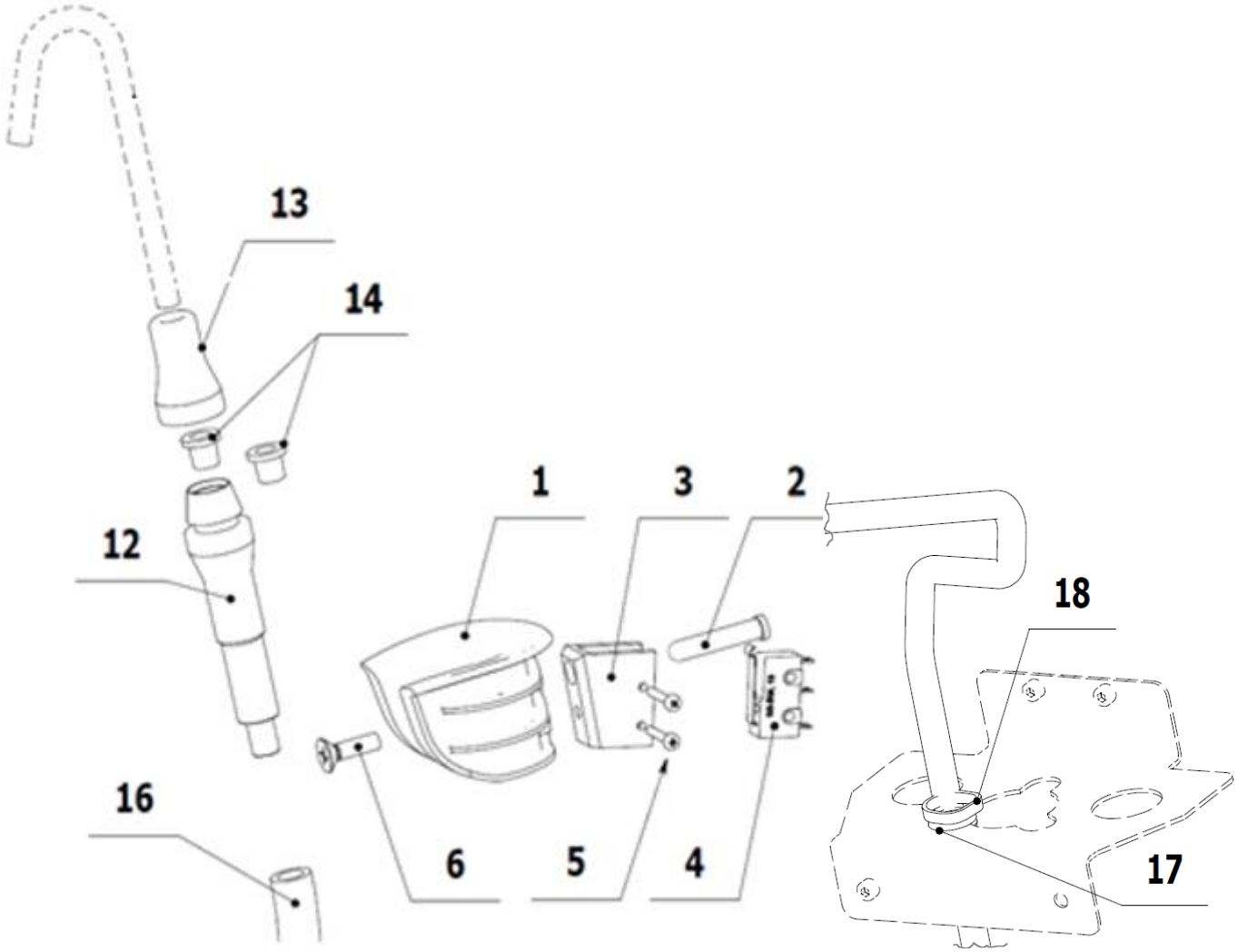
Position	Item no.	Product name	Unit	Quantity
901	ME341419.018	WIRE, LiY 0.25 VT VIOLET	M	4.40
904	ME343421.011	PVC INSULATING SLEEVE, 2.5X0.5, BLACK	M	0.02
907	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00
905	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	2.00
906	ME374060.010	HOUSING, NSG 25-2	PC	1.00

2-SLOT SALIVA EJECTOR HOLDER ACCESSORY - V618.80-00-00.2



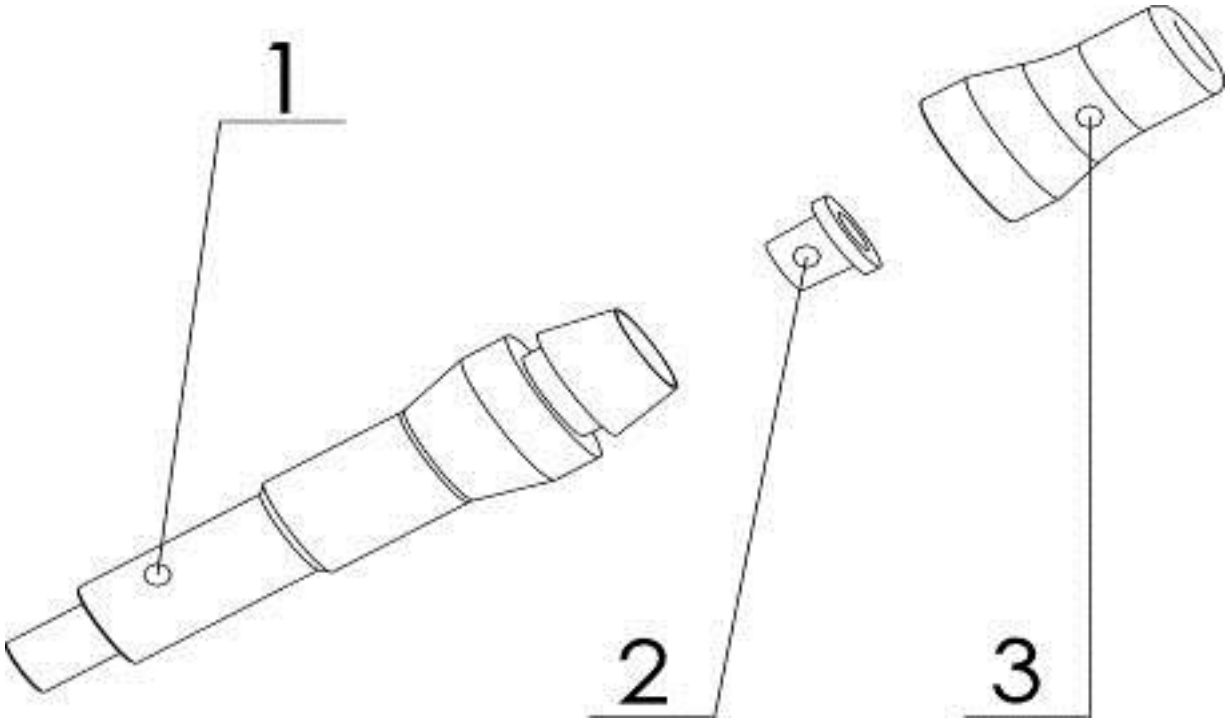
Pos.	Item no.	Product name	Unit	Quantity
001	V618.80-00-01	SALIVA EJECTOR BUSHING	PC	1.00
002	V618.80-00-02.1	SALIVA EJECTOR PIN FOR THE TABLE	PC	1.00
003	ME321822.062	MICRO SWITCH HOLDER	PC	1.00
004	ME374415.031	MICRO SWITCH, OMRON SS-5GL 13	PC	1.00
005	ME309255.082	THREADED FASTENER, M 2X14	PC	2.00
006	ME309251.093	THREADED FASTENER, M 4X14	PC	1.00
012	ME283367.071	SALIVA EJECTOR TAIL-PIECE	PC	1.00
013	ME321822.020	SALIVA EJECTOR TIP, 608.63-00-13	PC	1.00
014	ME321822.023	SALIVA EJECTOR SCREEN	PC	2.00
015	ME283367.062	SINGLE-USE TAIL-PIECE, 100 PER PACK	PACK	
016	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	1.50
017	ME273121.041	BUSHING, TYPE F2, 9X1.5	PC	1.00
018	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1.00

ASSISTANT'S TABLE SALIVA EJECTOR ACCESSORY - V618.80-00-00.1



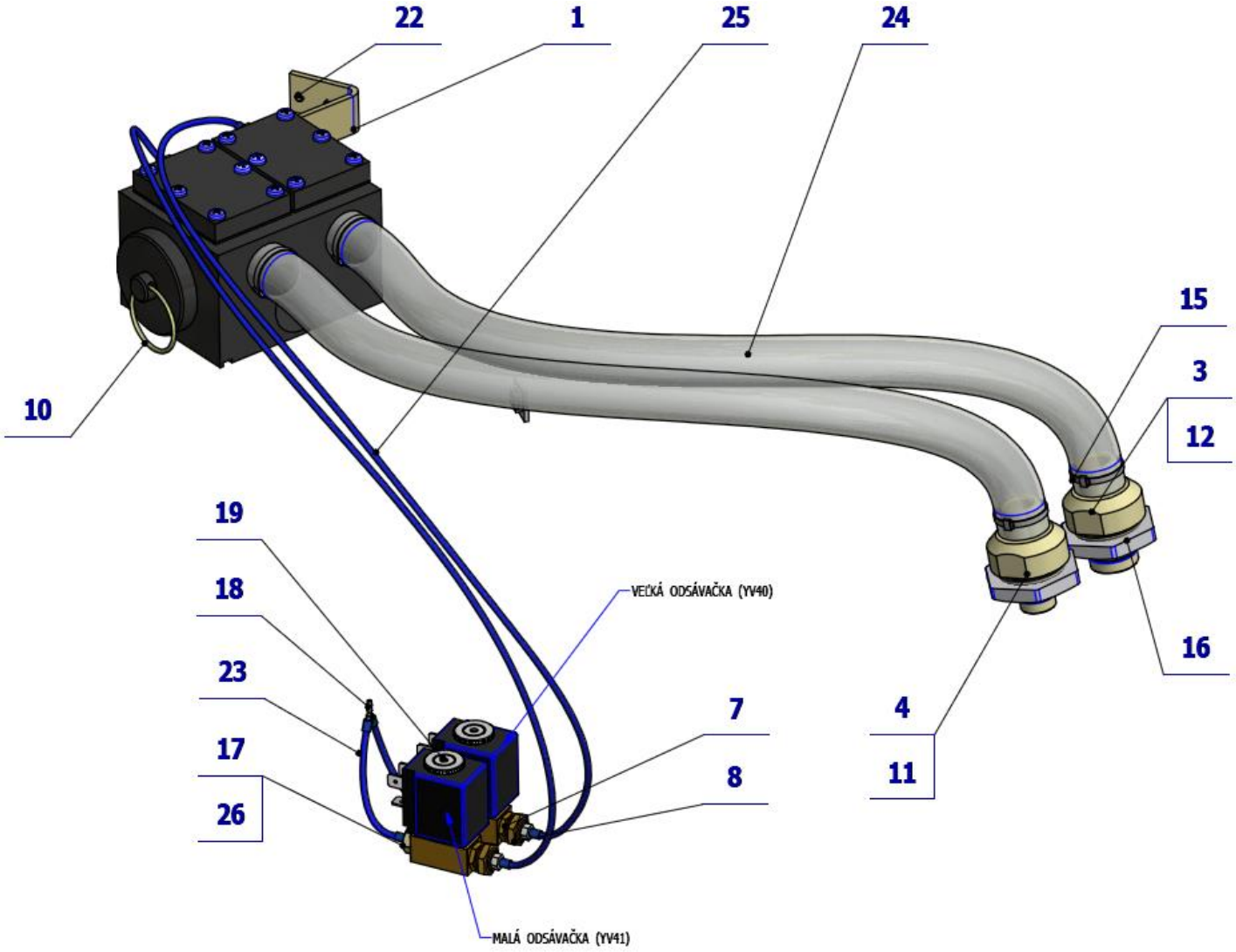
Pos.	Item no.	Product name	Unit	Quantity	
001	V618.80-00-01	SALIVA EJECTOR BUSHING	PC	1.00	
002	V618.80-00-02.1	SALIVA EJECTOR PIN FOR THE TABLE	PC	1.00	
003	ME321822.062	MICRO SWITCH HOLDER	PC	1.00	
004	ME374415.031	MICRO SWITCH, OMRON SS-5GL 13	PC	1.00	
005	ME309255.082	THREADED FASTENER, M 2X14	PC	2.00	
006	ME309251.093	THREADED FASTENER, M 4X14	PC	1.00	
012>>	**ME283367.071**	**SALIVA EJECTOR TAIL-PIECE**	**PC**	**1.00**	**DETAIL**
013>>	**ME321822.020**	**SALIVA EJECTOR TIP, 608.63-00-13**	**PC**	**1.00**	**IS IN**
014>>	**ME321822.023**	**SALIVA EJECTOR SCREEN**	**PC**	**2.00**	**V690.00-03-00**
016	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	2.50	
017	ME273121.041	BUSHING, TYPE F2, 9X1.5	PC	1.00	
018	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1.00	

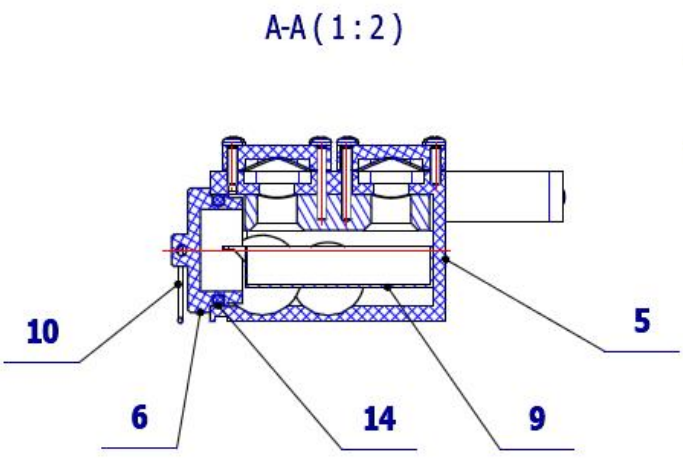
►SALIVA EJECTOR - V690.00-03-00

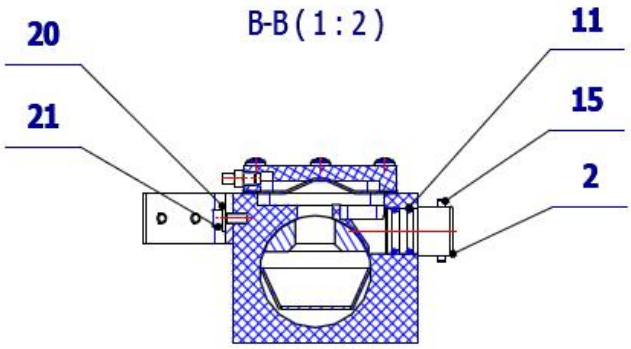


Pos.	Item no.	Product name	Unit	Quantity
001	ME283367.071	SALIVA EJECTOR TAIL-PIECE	PC	1.00
002	ME321822.023	SALIVA EJECTOR SCREEN	PC	2.00
003	ME321822.020	SALIVA EJECTOR TIP, 608.63-00-13	PC	1.00

►CATTANI SUCTION CONTROL ACCESSORY - V624.66-00-00 K-004



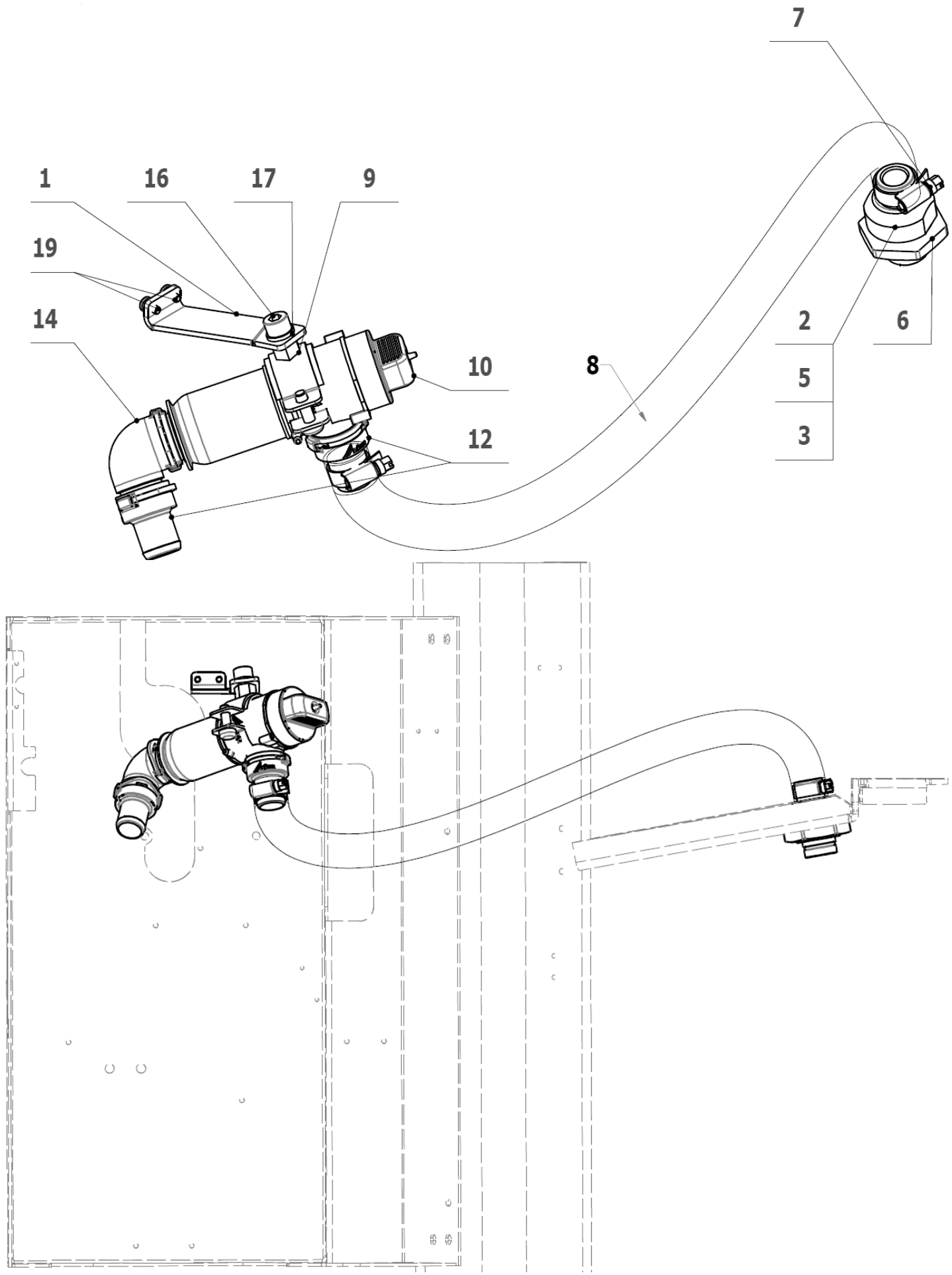




Pos.	Item no.	Product name	Unit	Quantity
001	V624.66-00-01	MANIFOLD BLOCK	PC	1.00
002	V618.63-00-02.1	SUCTION TAIL-PIECE	PC	2.00
003	V624.66-00-03.1	LARGE ASPIRATOR CONNECTOR	PC	1.00
004	V624.66-00-04.1	SMALL ASPIRATOR CONNECTOR	PC	1.00
005	V606.64-01-00	SUCTION BLOCK WITH MEMBRANES	PC	1.00
006	V606.64-00-05	SCREEN COVER	PC	1.00

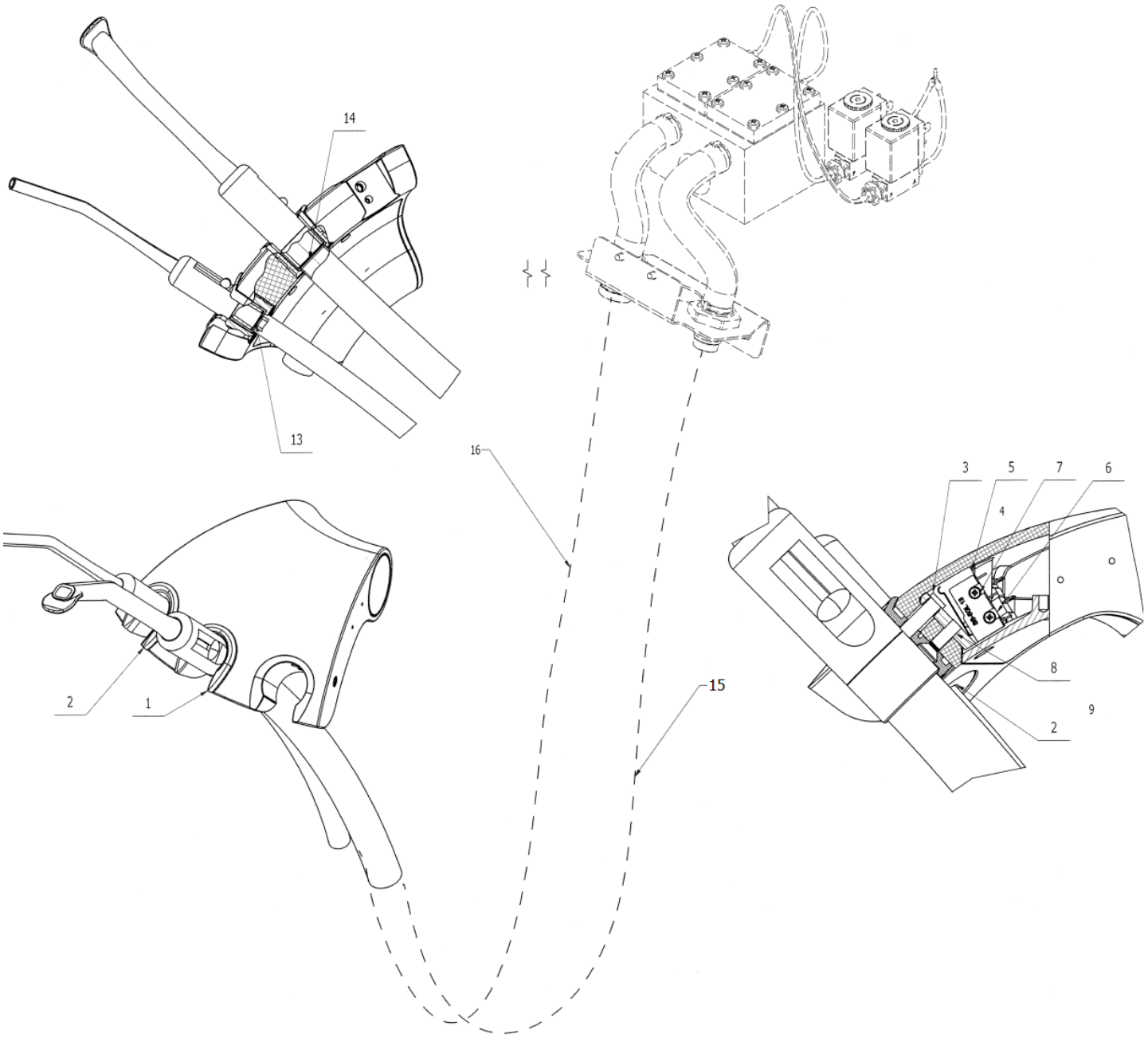
007	V601.8-20-00	REDUCER, COMPLETE	PC	2.00
008	ME311120.091	NUT, M 10X1	PC	2.00
009	ME443020.001	SCREEN, METASYS 55010002	PC	1.00
010	ME548000.002	KEYRING, P35 MM	PC	1.00
011	ME273111.015	O RING, P 14X2	PC	5.00
012	ME273111.017	O RING, P 18X2	PC	1.00
014	ME273111.122	O RING, P 35.3X4.6 SILICONE	PC	1.00
015	ME397800.015	CABLE TIE, F0301 CV-200	PC	4.00
016	ME311180.023	NUT, M 32x1.5 EN50262	PC	2.00
017	ME336401.023	ADAPTER 18210-1	PC	2.00
018	ME336401.018	ADAPTER Y210-1	PC	1.00
019	ME405658.016	SOLENOID VALVE, D305 G1/8”	PC	2.00
020	ME311210.020	WASHER, P 5.3	PC	2.00
021	ME309543.105	THREADED FASTENER, M 4X10	PC	2.00
022	ME309543.068	THREADED FASTENER, M 4X8	PC	2.00
023	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.03
024	ME286000.006	HOSE, SPIRAFLEX P20	M	0.90
025	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	1.22
027	ME345711.034	CLAMP, F0505 HC 101	PC	1.00
901	V631.66-90-01	WIRES SB1, SB2 - ASSEMBLY	PC	1.00

►DÜRR FILTER AND LARGE ASPIRATOR ACCESSORY - V624.77-00-00



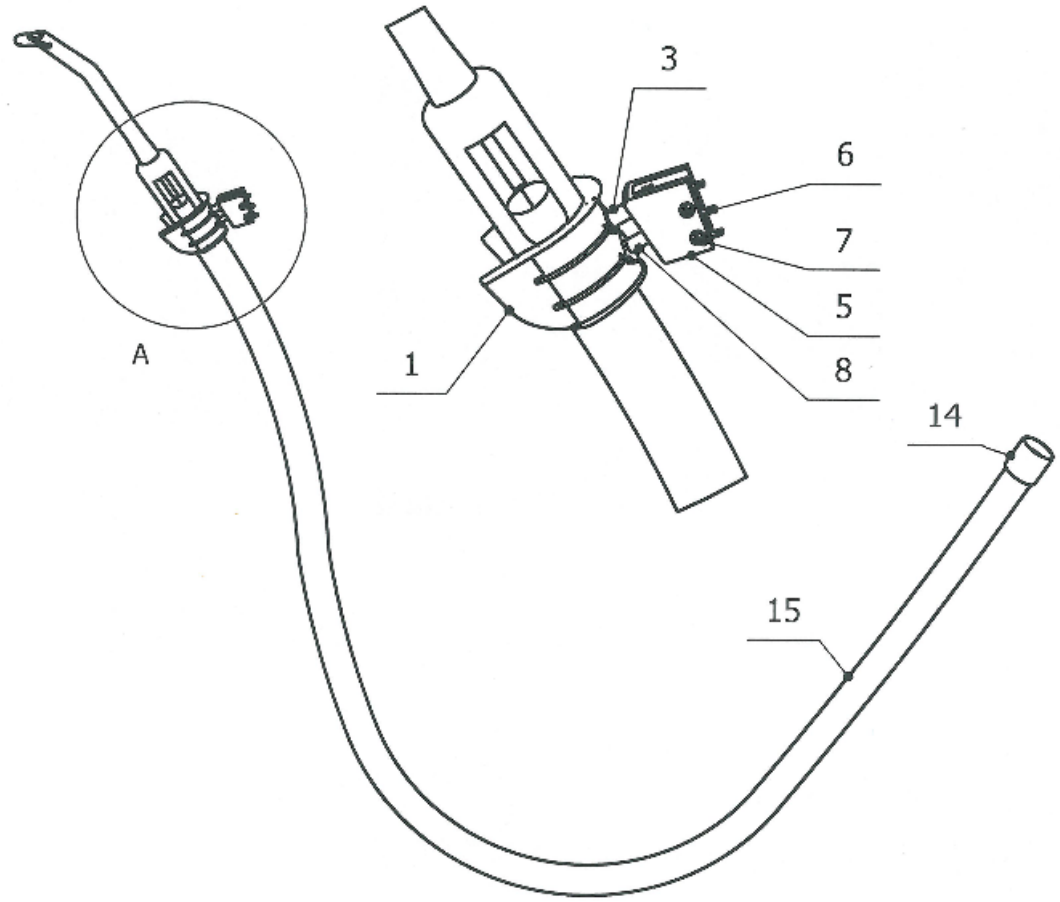
Pos.	Item no.	Product name	Unit	Quantity
001	V624.77-00-01	DURR SUCTION HOLDER	PC	1.00
002	V624.66-00-03.1	LARGE ASPIRATOR CONNECTOR	PC	1.00
005	ME273111.017	O RING, P 18X2	PC	1.00
006	ME311180.023	NUT, M 32x1.5 EN50262	PC	1.00
007	ME397800.015	CABLE TIE, F0301 CV-200	PC	3.00
008	ME286000.006	HOSE, SPIRAFLEX P20	M	0.50
009	ME345133.003	CLAMPING SLEEVE, LUPDsE DN 25 M8	PC	1.00
010	ME443000.160	FILTER, COMPLETE, TYPE A DURR	PC	1.00
012	ME443000.114	NECKED-DOWN TAIL-PIECE, P20	PC	2.00
014	ME286531.084	ELBOW, RIGHT, 0700-700-04E	PC	1.00
017	ME311214.013	WASHER, P 8.2	PC	1.00
016	ME309543.133	THREADED FASTENER, M 8X8	PC	1.00
019	ME309543.068	THREADED FASTENER, M 4X8	PC	2.00

►LARGE AND SMALL ASPIRATOR ACCESSORY - V618.89-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V618.89-00-01	LARGE ASPIRATOR BUSHING	PC	1.00
002	V618.89-00-02.1	SMALL ASPIRATOR BUSHING	PC	1.00
003	V618.80-00-02	SALIVA EJECTOR PIN FOR MODULE AND LARGE ASPIRATOR	PC	1.00
004	V618.89-00-04	SMALL ASPIRATOR PIN	PC	1.00
005	ME321822.062	MICRO SWITCH HOLDER	PC	2.00
006	ME374415.033	MICRO SWITCH, SS-5GL	PC	2.00
007	ME309255.082	THREADED FASTENER, M 2X14	PC	4.00
008	ME309251.093	THREADED FASTENER, M 4X14	PC	1.00
009	ME311120.067	THREADED FASTENER, M 4X16	PC	1.00
013	V611.84-02-13	COARSE FILTER, P16	PC	1.00
014	V611.84-02-14	COARSE FILTER, P22	PC	1.00
015	V618.89-15-00.3	LARGE ASPIRATOR HOSE	PC	1.00
016	V618.89-16-00.3	SMALL ASPIRATOR HOSE	PC	1.00
017	ME443000.027	CATTANI CLEANING KIT, GREY	PC	1.00

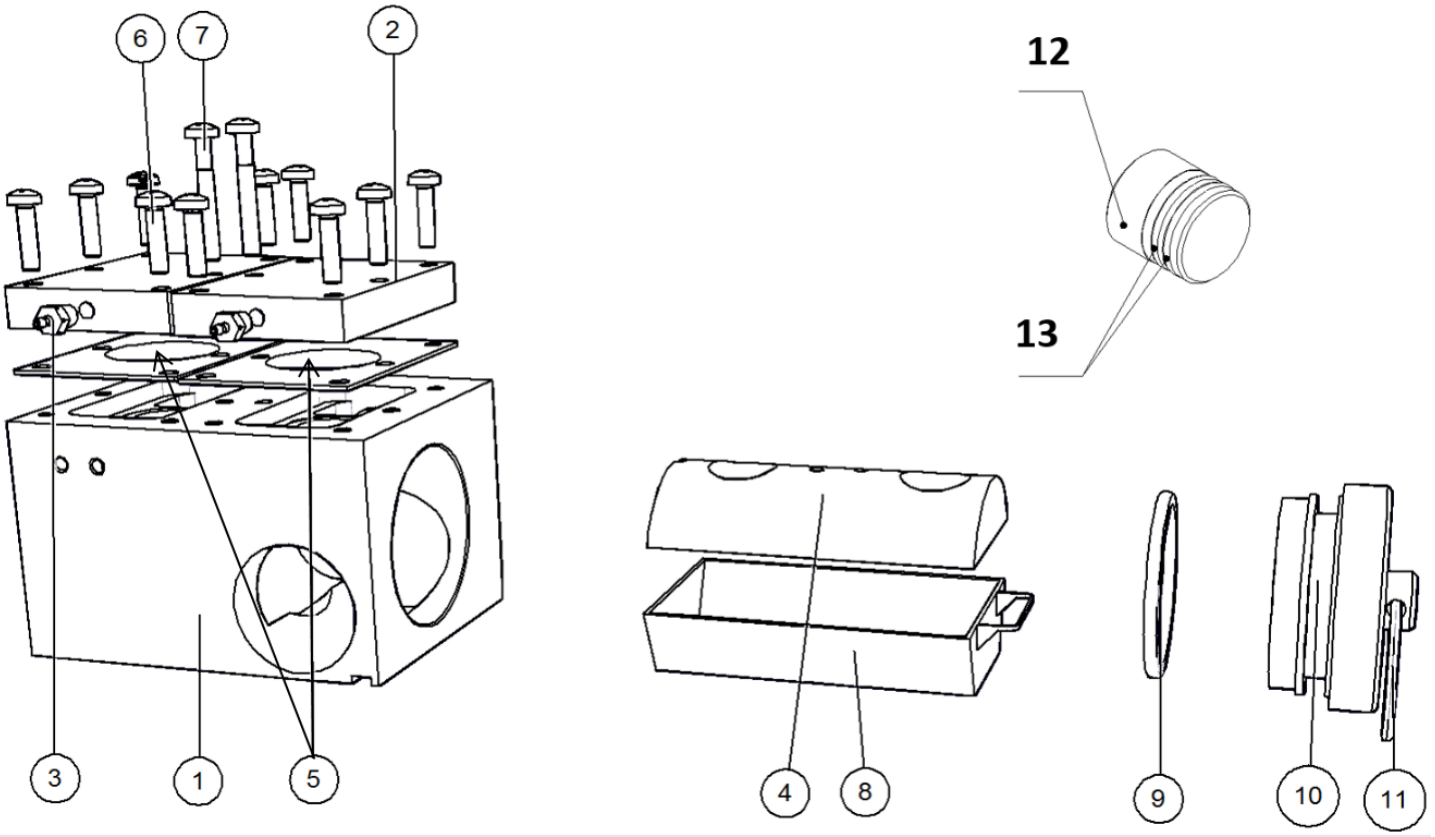
►LARGE ASPIRATOR ACCESSORY FOR 3-SLOT HOLDER - V618.89-01-00



Pos.	Item no.	Product name	Unit	Quantity
001	V618.89-00-01	LARGE ASPIRATOR BUSHING	PC	1.00
003	V618.89-00-03	LARGE ASPIRATOR PIN	PC	1.00
005	ME321822.062	MICRO SWITCH HOLDER	PC	1.00
006	ME374415.033	MICRO SWITCH, SS-5GL	PC	1.00
007	ME309255.082	THREADED FASTENER, M 2X14	PC	2.00
008	ME309251.093	THREADED FASTENER, M 4X14	PC	1.00
014	V611.84-02-14	COARSE FILTER, P22	PC	1.00
015	V618.89-15-00.2	LARGE ASPIRATOR HOSE	PC	1.00
017	ME443000.027	CATTANI CLEANING KIT, GREY	PC	1.00



►SUCTION BLOCK WITH MEMBRANES (for CATTANI suction controls) - V690.00-04-00
►SUCTION BLOCK WITH MEMBRANES (for METASYS suction controls) - V690.00-05-00

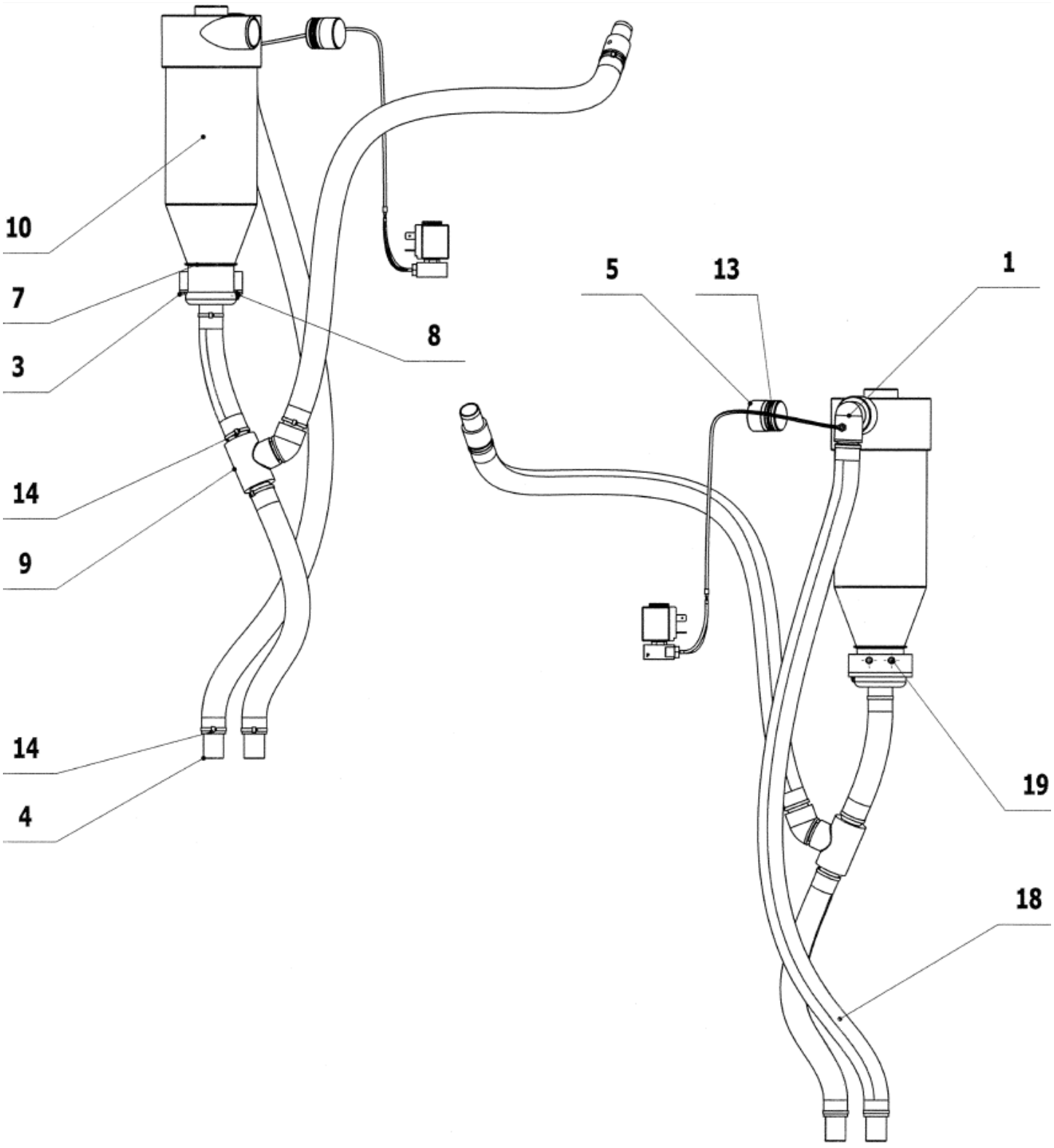


Pos.	Item no.	Product name	Note	Unit	Quantity
001	V606.64-01-01	SUCTION BODY		PC	1.00
002	V606.64-01-02	SUCTION BODY COVER		PC	2.00
003	ME336401.008	ADAPTER M5210-1		PC	2.00
004	V606.64-01-04	INSERT IN BLOCK		PC	1.00
005	ME443000.096	CATTANI PNEUMATIC MEMBRANE HOLDER		PC	2.00
006	ME309255.064	THREADED FASTENER, M 4X16		PC	10.00
007	ME309255.048	THREADED FASTENER, M 4X30		PC	2.00
008	ME443020.001	SCREEN, METASYS 55010002		PC	1.00
009	ME273111.122	O RING, P 35.3X4.6 SILICONE		PC	1.00
010	V606.64-00-05	SCREEN COVER		PC	1.00
011	ME548000.002	KEYRING, P35 MM		PC	1.00
12	V606.68-00-02	PLUG, 2	Valid for **V690.00-04-00**	PC	1.00
12	V606.70-00-04	PLUG, 1	Valid for **V690.00-05-00**	PC	1.00
13	ME273111.025	O RING, P 25X2	Valid for **V690.00-04-00**	PC	2.00
13	ME273111.028	O RING, P 28X2	Valid for **V690.00-05-00**	PC	2.00

2 - Dry suction accessories

► CATTANI SEPARATOR WITH ACCESSORY - V624.69-00-00

1.	CATTANI SEPARATOR WITH ACCESSORY (for CATTANI suction controls)	BASIC	V624.69-00-00 K-004
		FULL	V624.69-00-00 K-005



Pos.	Item no.	Product name	Unit	Quantity
001	V606.68-05-00	CATTANI ELBOW, COMPLETE	PC	1.00
003	V606.68-00-04	MODIFIED HOLDER FOR CATTANI SEPARATOR	PC	1.00
004	V600.0-01-10	PIPE	PC	2.00
005	V606.68-00-02	PLUG, 2.	PC	1.00

007	ME443000.017	CATTANI SEPARATOR OUTLET	PC	1.00
008	ME309255.047	THREADED FASTENER, M 4X5	PC	1.00
009	V611.85-12-00	T FITTING WITH 45 ELBOW	PC	1.00
010	ME443000.009	MINI CATTANI SEPARATOR	PC	1.00
013	ME273111.025	O RING, P 25X2	PC	2.00
014	ME397800.015	CABLE TIE, F0301 CV-200	PC	8.00
016	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	0.40
017	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.01
018	ME286000.006	HOSE, SPIRAFLEX P20	M	2.20
019	ME309543.069	THREADED FASTENER, M 5X8	PC	2.00
901	ME374000.331	PB_CAT5 MODULE	PC	1.00
902	v631.69-90-01	POWER WIRES, PB_cAT_5 MODULE	PC	1.00
903	v631.69-90-02	CABLE FOR CATTANI PROBES	PC	1.00
904	V631.69-90-03	SUCTION CONNECTOR WIRES	PC	1.00

K-004 = BASIC

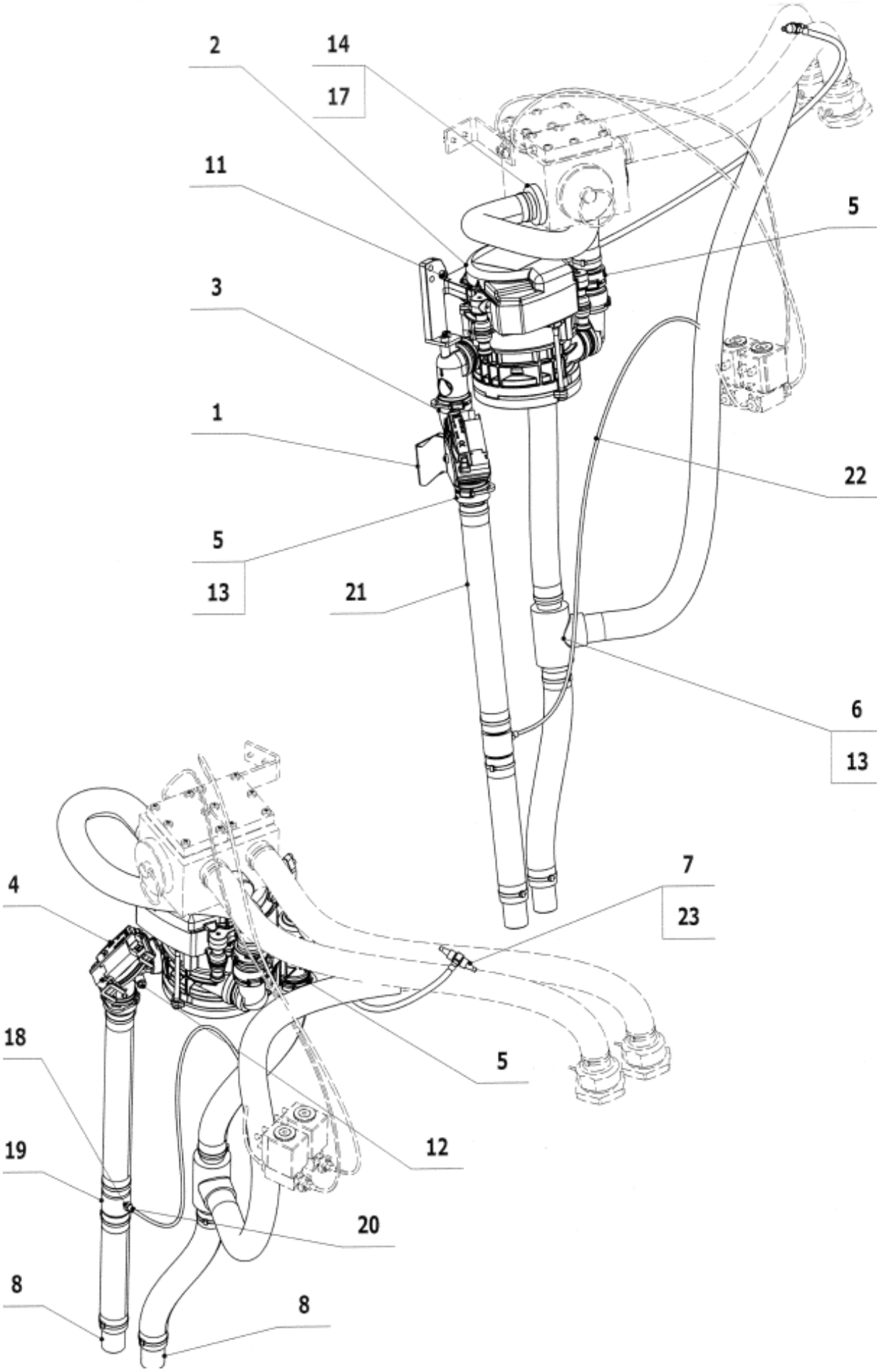
Pos.	Item no.	Product name	Unit	Quantity
901	ME374000.331	PB_CAT5 MODULE	PC	1.00
902	v631.69-90-01	POWER WIRES, PB_cAT_5 MODULE	PC	1.00
903	v631.69-90-02	CABLE FOR CATTANI PROBES	PC	1.00
904	V631.69-90-03	SUCTION CONNECTOR WIRES	PC	1.00

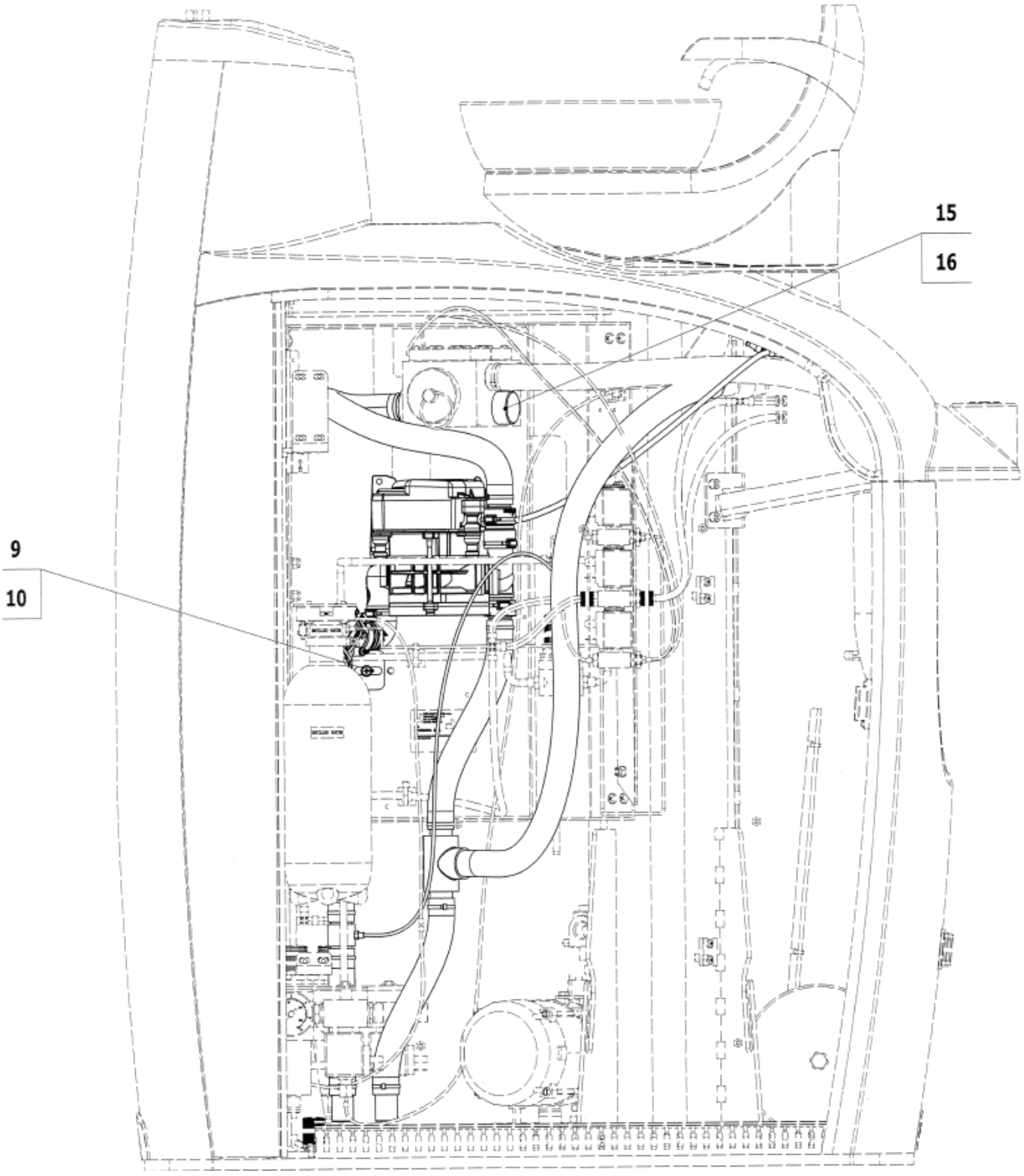
K-005 = FULL

Pos.	Item no.	Product name	Unit	Quantity
901	v631.69-90-02	CABLE FOR CATTANI PROBES	PC	1.00

► DURR CS1 SEPARATOR + DÜRR MEMBRANE VALVE ACCESSORY - V631.73-00-00.1 K-002

with CATTANI suction controls, for the FULL version





Pos.	Item no.	Product name	Unit	Quantity
002	ME443000.178	DURR CS1 COMBI-SEPAMATIC	PC	1.00
001	V631.73-01-00	MEMBRANE VALVE HOLDER - COMPLETE	PC	1.00
003	ME286531.084	ELBOW, RIGHT, 0700-700-04E	PC	1.00
004	ME443100.002	MEMBRANE VALVE, DURR 7560-500-60	PC	1.00
005	ME443000.114	NECKED-DOWN TAIL-PIECE, P20	PC	3.00
006	V605.96-10-00	T FITTING	PC	1.00
007	ME336401.011	ADAPTER T40-1	PC	1.00
008	V600.0-01-10	PIPE	PC	2.00
009	ME311210.020	WASHER, P 5.3	PC	1.00

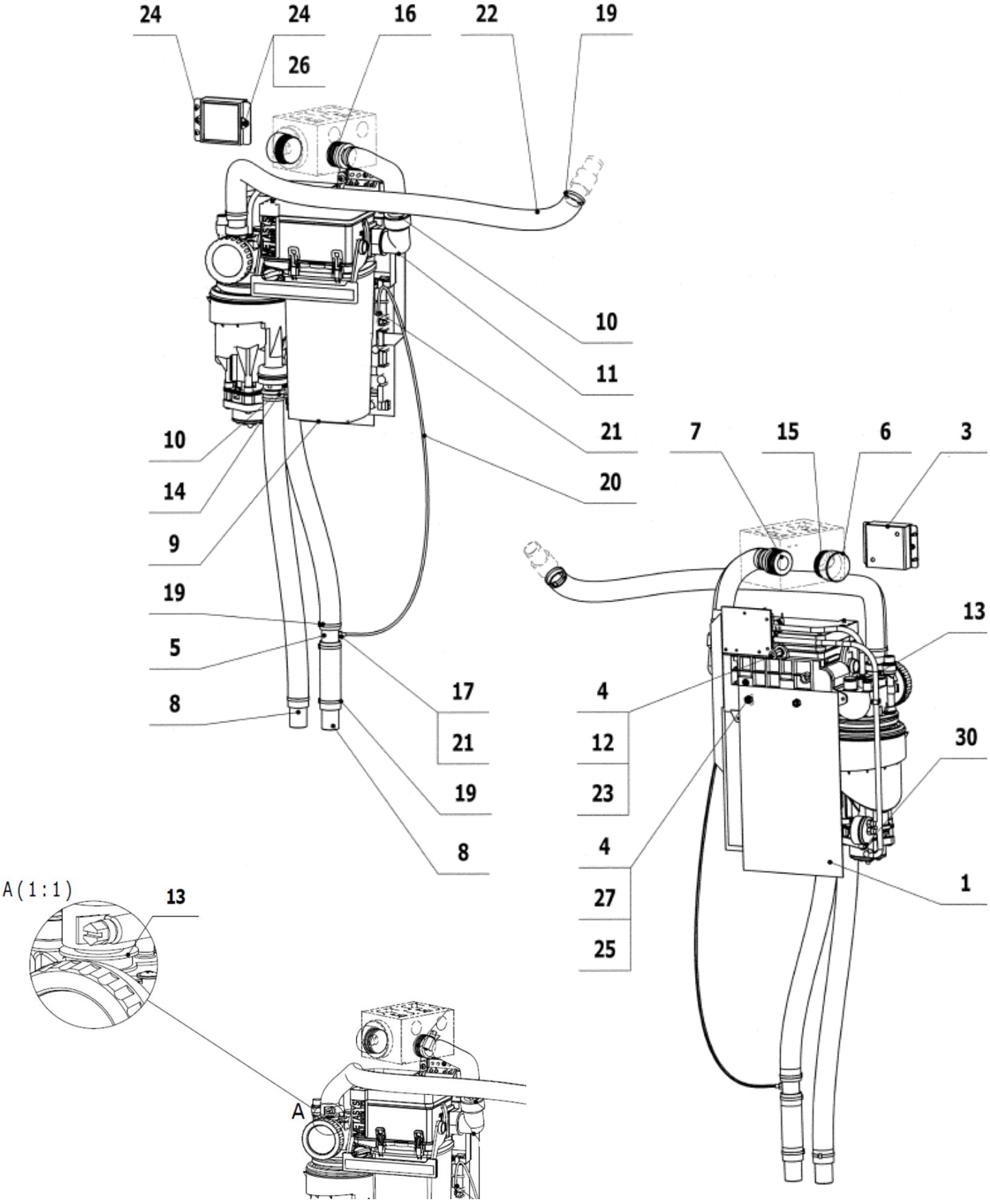
010	ME309543.069	THREADED FASTENER, M 5X8	PC	1.00
011	ME309543.129	THREADED FASTENER, M 4X16	PC	2.00
012	ME309255.083	THREADED FASTENER, M 4X35	PC	1.00
013	ME397800.015	CABLE TIE, F0301 CV-200	PC	10.00
014	V618.68-00-04.1	CATTANI SEPARATOR SUCTION REDUCER	PC	1.00
015	V606.68-00-02	PLUG, 2.	PC	1.00
016	ME273111.025	O RING, P 25X2	PC	2.00
017	ME273111.028	O RING, P 28X2	PC	2.00
018	ME336401.008	ADAPTER M5210-1	PC	1.00
019	V618.68-00-06.1	NIPPLE	PC	1.00
020	V608.45-00-08	LOCK RING, 1	PC	2.00
021	ME286000.006	HOSE, SPIRAFLEX P20	M	1.70
022	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	0.50
023	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.45
901	V631.71-90-02	WIRES, BLACK	PC	1.00
902	V631.71-90-03	WIRES, WHITE	PC	1.00
903	V629.79-90-01	POWER WIRES, DURR VALVE	PC	1.00
904	ME397900.012	CABLE TIE, F 0301 CV-094	PC	6.00
905	ME345711.034	CLAMP, F0505 HC 101	PC	2.00

3 - Amalgam separator accessories

►METASYS MST1 AMALGAM SEPARATOR AND COMPLETE ACCESSORY

1>>	Amalgam separator accessory (without METASYS MST1)	BASIC	V624.71-00-00 K-004
		FULL	V624.71-00-00 K-005
2	METASYS MST1 amalgam separator		ME443000.029

>> METASYS MST1 AMALGAM SEPARATOR ACCESSORY - V624.71-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V601.8-00-67	BASE UNDER METASYS	PC	1.00
003	V624.71-00-03	CONTROLLER PANEL	PC	1.00
004	ME371418.018	SPACER POST, METAL DA7 M4x15	PC	3.00
005	V606.70-00-07	TEE FITTING	PC	1.00
006	V606.70-00-04	PLUG, 1.	PC	1.00
007	V606.70-00-02	METASYS TAIL-PIECE	PC	1.00
008	V600.0-01-10	PIPE	PC	2.00
009	ME443000.110	CLEANING KIT, GREEN AND CLEAN M2	PC	**OPTION**
010	ME548240.011	TAIL-PIECE, NR.40010050	PC	2.00
011	ME443000.030	ELBOW, STAINLESS 40010029	PC	1.00
012	ME311210.020	WASHER, P 5.3	PC	1.00
013	ME548240.015	TAIL-PIECE, NR.40010090	PC	1.00
014	V601.8-00-65	TAIL-PIECE	PC	2.00
015	ME273111.028	O RING, P 28X2	PC	2.00
016	ME273111.025	O RING, P 25X2	PC	2.00
017	ME336401.008	ADAPTER M5210-1	PC	1.00
019	ME397800.015	CABLE TIE, F0301 CV-200	PC	10.00
020	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	0.49
021	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.01
022	ME286000.006	HOSE, SPIRAFLEX P20	M	1.90
023	ME309543.068	THREADED FASTENER, M 4X8	PC	2.00
024	ME309255.051	THREADED FASTENER, M 3X6	PC	4.00
025	ME309255.069	THREADED FASTENER, M 4X14	PC	1.00
026	ME311210.019	NUT, M 3	PC	2.00
027	ME311120.075	NUT, M 5	PC	2.00
028	ME273111.119	O RING P 12X1 NBR 70	PC	2,00
030	V606.70-30-00	CHECK VALVE	PC	1.00
033	ME443000.047	SPARE CONTAINER FOR METASYS MST1	PC	1,00

K-004 = BASIC

Pos.	Item no.	Product name	Unit	Quantity
901	ME374000.331	PB_CAT5 MODULE	PC	1.00
902	V631.71-90-02	WIRES, BLACK	PC	1.00
903	V631.71-90-03	WIRES, WHITE	PC	1.00
904	V631.69-90-01	POWER WIRES, PB_cAT_5 MODULE	PC	1.00
907	ME397900.012	CABLE TIE, F 0301 CV-094	PC	8.00
905	V631.69-90-03	SUCTION CONNECTOR WIRES	PC	1.00
906	ME345711.034	CLAMP, F0505 HC 101	PC	2.00

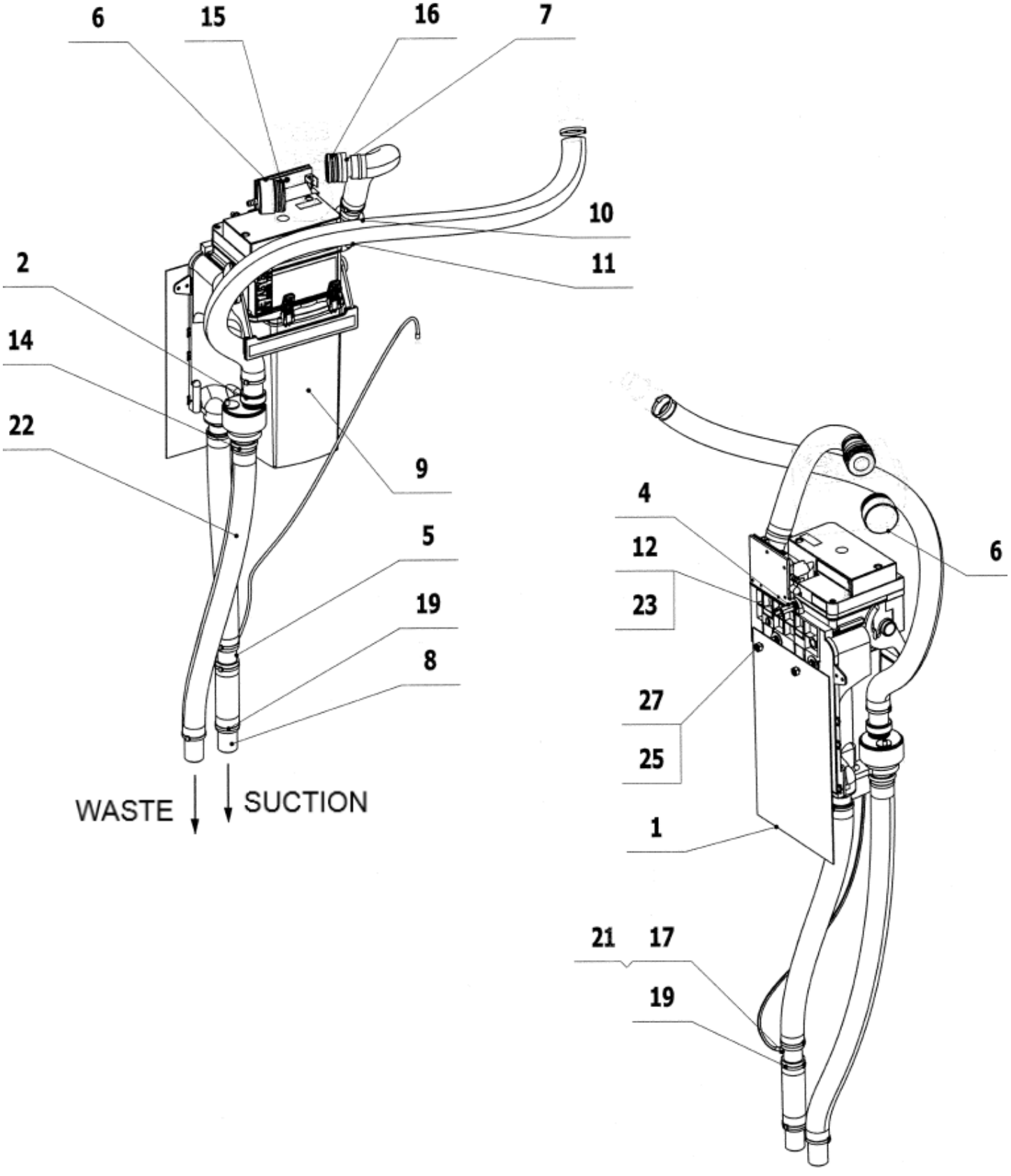
K-005 = FULL

Pos.	Item no.	Product name	Unit	Quantity
901	V631.71-90-02	WIRES, BLACK	PC	1.00
902	V631.71-90-03	WIRES, WHITE	PC	1.00
903	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00
904	ME345711.034	CLAMP, F0505 HC 101	PC	1.00

►METASYS ECO-L1 AMALGAM SEPARATOR AND COMPLETE ACCESSORY

1>>	Amalgam separator accessory (without METASYS ECO-L1)	BASIC	V624.72-00-00 K-003
		FULL	V624.72-00-00 K-004
2	METASYS ECO-L1 amalgam separator		ME443000.048

>> METASYS ECO-L1 AMALGAM SEPARATOR ACCESSORY - V624.72-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V601.8-00-67	BASE UNDER METASYS	PC	1.00
002	ME548240.015	TAIL-PIECE, NR.40010090	PC	1.00
004	ME371418.018	SPACER POST, METAL DA7 M4x15	PC	3.00
005	V606.70-00-07	TEE FITTING	PC	1.00
006	V606.70-00-04	PLUG, 1.	PC	1.00
007	V606.70-00-02	METASYS TAIL-PIECE	PC	1.00
008	V600.0-01-10	PIPE	PC	2.00
009	ME443000.048	METASYS ECO SEPARATOR, 1 L	PC	**OPTION**
010	ME548240.011	TAIL-PIECE, NR.40010050	PC	2.00
011	ME443000.030	ELBOW, STAINLESS 40010029	PC	1.00
012	ME311210.020	WASHER, P 5.3	PC	1.00
013	ME273111.119	O RING P 12X1 NBR 70	KS	2,00
014	V601.8-00-65	TAIL-PIECE	PC	1.00
015	ME273111.028	O RING, P 28X2	PC	2.00
016	ME273111.025	O RING, P 25X2	PC	2.00
017	ME336401.008	ADAPTER M5210-1	PC	1.00
019	ME397800.015	CABLE TIE, F0301 CV-200	PC	10.00
020	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	0.49
021	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.01
022	ME286000.006	HOSE, SPIRAFLEX P20	M	2.00
023	ME309543.068	THREADED FASTENER, M 4X8	PC	2.00
025	ME309255.069	THREADED FASTENER, M 4X14	PC	1.00
027	ME311120.075	NUT, M 5	PC	2.00

K-003 = BASIC

Pos.	Item no.	Product name	Unit	Quantity
901	ME374000.331	PB_CAT5 MODULE	PC	1.00
902	V631.71-90-02	WIRES, BLACK	PC	1.00
903	V631.71-90-03	WIRES, WHITE	PC	1.00
904	V631.69-90-01	POWER WIRES, PB_cAT_5 MODULE	PC	1.00
907	ME397900.012	CABLE TIE, F 0301 CV-094	PC	8.00
905	V631.69-90-03	SUCTION CONNECTOR WIRES	PC	1.00
906	ME345711.034	CLAMP, F0505 HC 101	PC	2.00

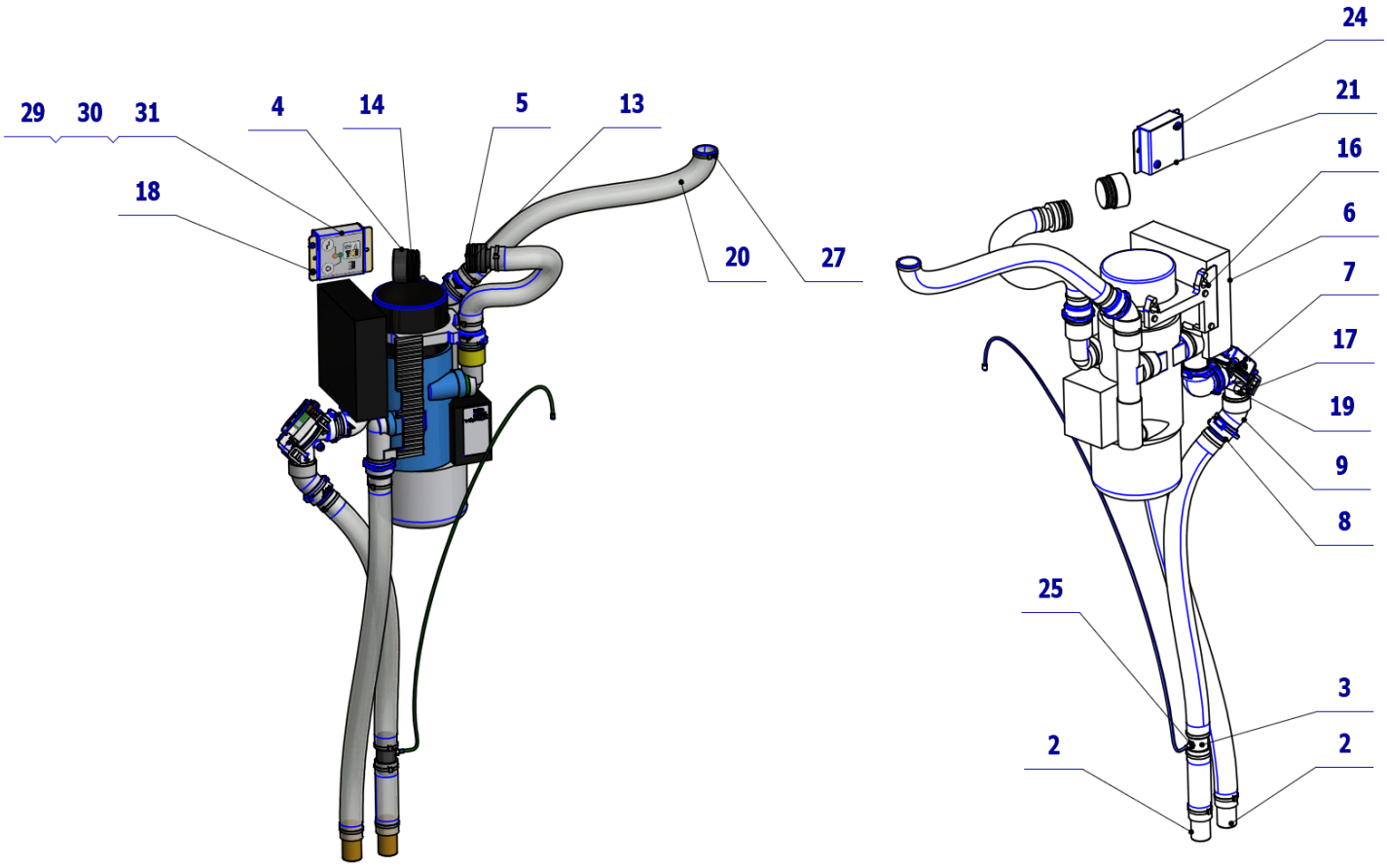
K-004 = FULL

Pos.	Item no.	Product name	Unit	Quantity
901	V631.71-90-02	WIRES, BLACK	PC	1.00
902	V631.71-90-03	WIRES, WHITE	PC	1.00
903	ME397900.012	CABLE TIE, F 0301 CV-094	PC	4.00
904	ME345711.034	CLAMP, F0505 HC 101	PC	1.00

►DÜRR CAS1 SEPARATOR AND COMPLETE ACCESSORY

1>>	Separator accessory (without DÜRR CAS1)	BASIC	V624.73-00-00 K-004
		FULL	V624.73-00-00 K-005
2	Dürr CAS1 separator		ME443000.112

>>DÜRR CAS1 SEPARATOR ACCESSORY - V624.73-00-00



Pos.	Item no.	Product name	Unit	Quantity
002	V600.0-01-10	PIPE	PC	2.00
003	V606.70-00-07	TEE FITTING	PC	1.00
004	V606.70-00-04	PLUG, 1.	PC	1.00
005	V606.70-00-02	METASYS TAIL-PIECE	PC	1.00
006	ME443000.112	DURR CAS1 separator	PC	**OPTION**
007	ME443100.002	MEMBRANE VALVE, DURR 7560-500-60	PC	1.00
008	ME443000.114	NECKED-DOWN TAIL-PIECE, P20	PC	4.00
009	ME286531.083	ELBOW, 45-DEGREE, 0700-700-05E	PC	2.00
010	ME286531.084	ELBOW, RIGHT, 0700-700-04E	PC	1.00
013	ME273111.025	O RING, P 25X2	PC	2.00
014	ME273111.028	O RING, P 28X2	PC	2.00
015	ME443000.145	O RING, SILICONE 20X2 DURR	PC	5.00
016	ME309255.069	THREADED FASTENER, M 4X14	PC	2.00
017	ME309255.096	THREADED FASTENER, M 4x45	PC	1.00
018	ME309255.051	THREADED FASTENER, M 3X6	PC	2.00
019	V621.96-00-18	SPACER POST	PC	1.00
020	ME286000.006	HOSE, SPIRAFLEX P20	M	1.40
021	V624.71-00-03	CONTROLLER PANEL	PC	1.00
024	ME309255.044	THREADED FASTENER, M 4X10	PC	2.00
025	ME336401.008	ADAPTER M5210-1	PC	1.00

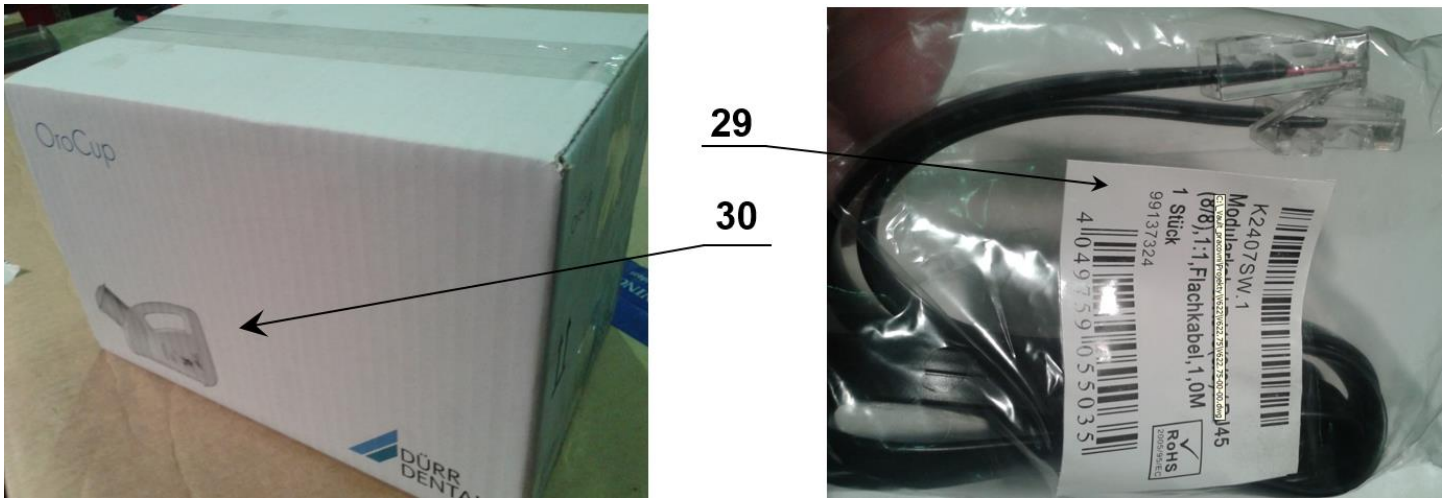
026	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.01
027	ME397800.015	CABLE TIE, F0301 CV-200	PC	10.00
028	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	0.51
029	ME443000.118	CABLE, ISDN, 1 M	PC	1.00
030	ME443000.115	ORO-CUP CONTAINER	PC	1.00
901	ME374000.331	PB_CAT5 MODULE	PC	1.00
902	V631.71-90-02	WIRES, BLACK	PC	1.00
903	V631.71-90-03	WIRES, WHITE	PC	1.00
904	V629.79-90-01	POWER WIRES, DURR VALVE	PC	1.00
905	V631.69-90-01	POWER WIRES, PB_cAT_5 MODULE	PC	1.00
908	ME397900.012	CABLE TIE, F 0301 CV-094	PC	8.00
906	V631.69-90-03	SUCTION CONNECTOR WIRES	PC	1.00
907	ME345711.034	CLAMP, F0505 HC 101	PC	2.00

K-004 = BASIC

Pos.	Item no.	Product name	Unit	Quantity
901	ME374000.331	PB_CAT5 MODULE	PC	1.00
902	V631.71-90-02	WIRES, BLACK	PC	1.00
903	V631.71-90-03	WIRES, WHITE	PC	1.00
904	V629.79-90-01	POWER WIRES, DURR VALVE	PC	1.00
905	V631.69-90-01	POWER WIRES, PB_cAT_5 MODULE	PC	1.00
908	ME397900.012	CABLE TIE, F 0301 CV-094	PC	8.00
906	V631.69-90-03	SUCTION CONNECTOR WIRES	PC	1.00
907	ME345711.034	CLAMP, F0505 HC 101	PC	2.00

K-005 = FULL

Pos.	Item no.	Product name	Unit	Quantity
901	V631.71-90-02	WIRES, BLACK	PC	1.00
902	V631.71-90-03	WIRES, WHITE	PC	1.00
903	V629.79-90-01	POWER WIRES, DURR VALVE	PC	1.00
904	ME397900.012	CABLE TIE, F 0301 CV-094	PC	4.00
905	ME345711.034	CLAMP, F0505 HC 101	PC	1.00

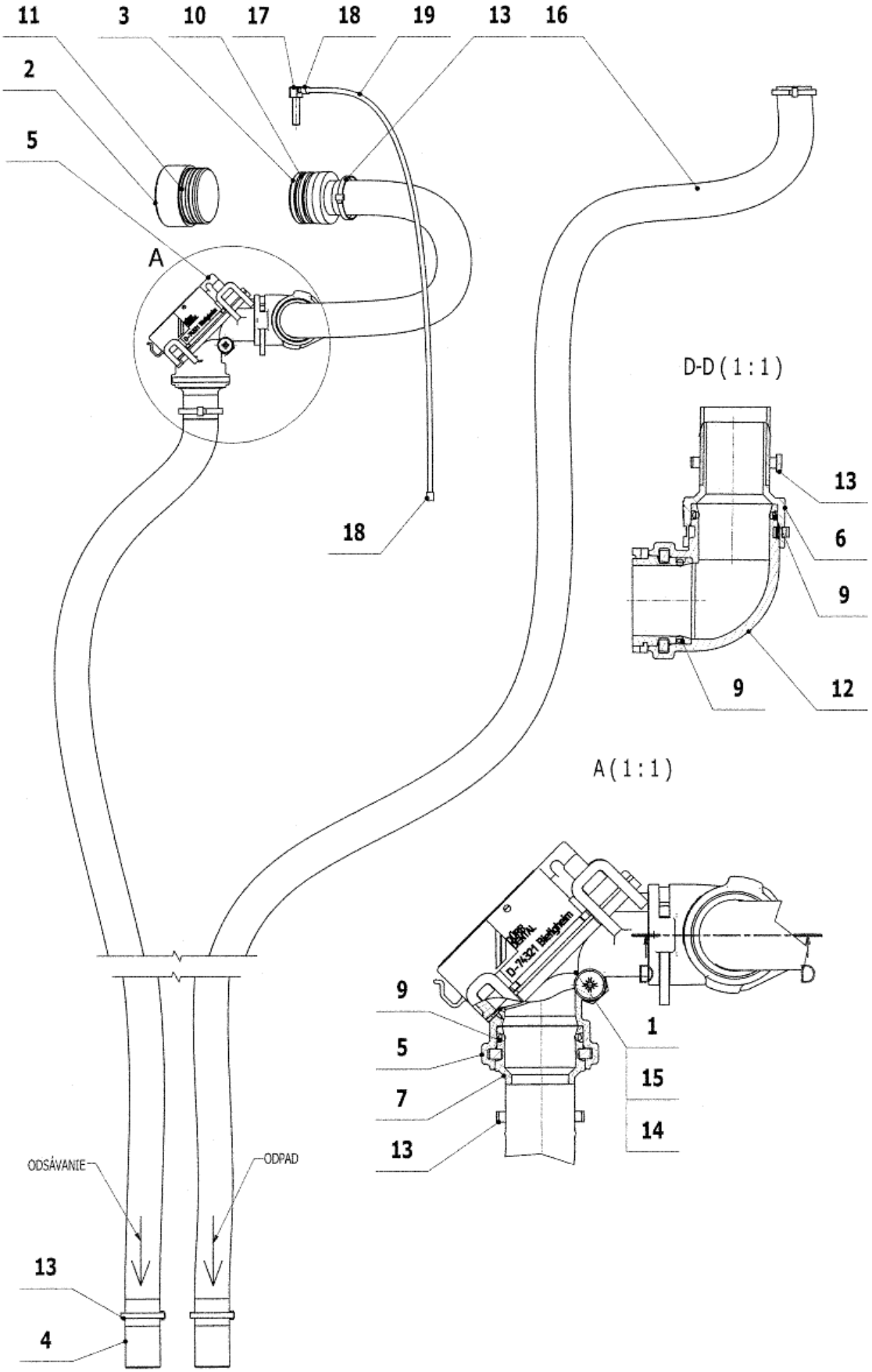


4 - Wet suction accessories

►DURR 1-VALVE WET SUCTION ACCESSORY - V624.74-00-00.1

(Dürr membrane valve for aspirator)

1.	DURR 1-VALVE WET SUCTION ACCESSORY	BASIC	V624.74-00-00.1 K-004
		FULL	V624.74-00-00.1 K-005



Pos.	Item no.	Product name	Unit	Quantity
001	V621.96-00-18	SPACER POST	PC	1.00
002	V606.70-00-04	PLUG, 1.	PC	1.00
003	V606.70-00-02	METASYS TAIL-PIECE	PC	1.00
004	V600.0-01-10	PIPE	PC	2.00
005	ME443100.002	MEMBRANE VALVE, DURR 7560-500-60	PC	1.00
006	ME443000.114	NECKED-DOWN TAIL-PIECE, P20	PC	1.00
007	ME443000.136	STRAIGHT TAIL-PIECE, P 20 DURR	PC	1.00
009	ME443000.145	O RING, SILICONE 20X2 DURR	PC	3.00
010	ME273111.025	O RING, P 25X2	PC	2.00
011	ME273111.028	O RING, P 28X2	PC	2.00
012	ME286531.083	ELBOW 45 DEGREES 0700-700-05E	PC	1.00
013	ME397800.015	CABLE TIE, F0301 CV-200	PC	6.00
014	ME309255.096	THREADED FASTENER, M 4x45	PC	1.00
015	ME311210.028	WASHER, P 4.3	PC	1.00
016	ME286000.006	HOSE, SPIRAFLEX P20	M	1.80
017	V606.75-04-00	SUCTION TEE, COMPLETE	PC	1.00
018	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.01
019	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	0.44

K-004 = BASIC

Pos.	Item no.	Product name	Unit	Quantity
901	ME374000.331	PB_CAT5 MODULE	PC	1.00
902	V631.69-90-01	POWER WIRES, PB_cAT_5 MODULE	PC	1.00
903	V631.73-90-03	WIRES, RED	PC	1.00
904	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5.00
905	ME345711.034	CLAMP, F0505 HC 101	PC	2.00

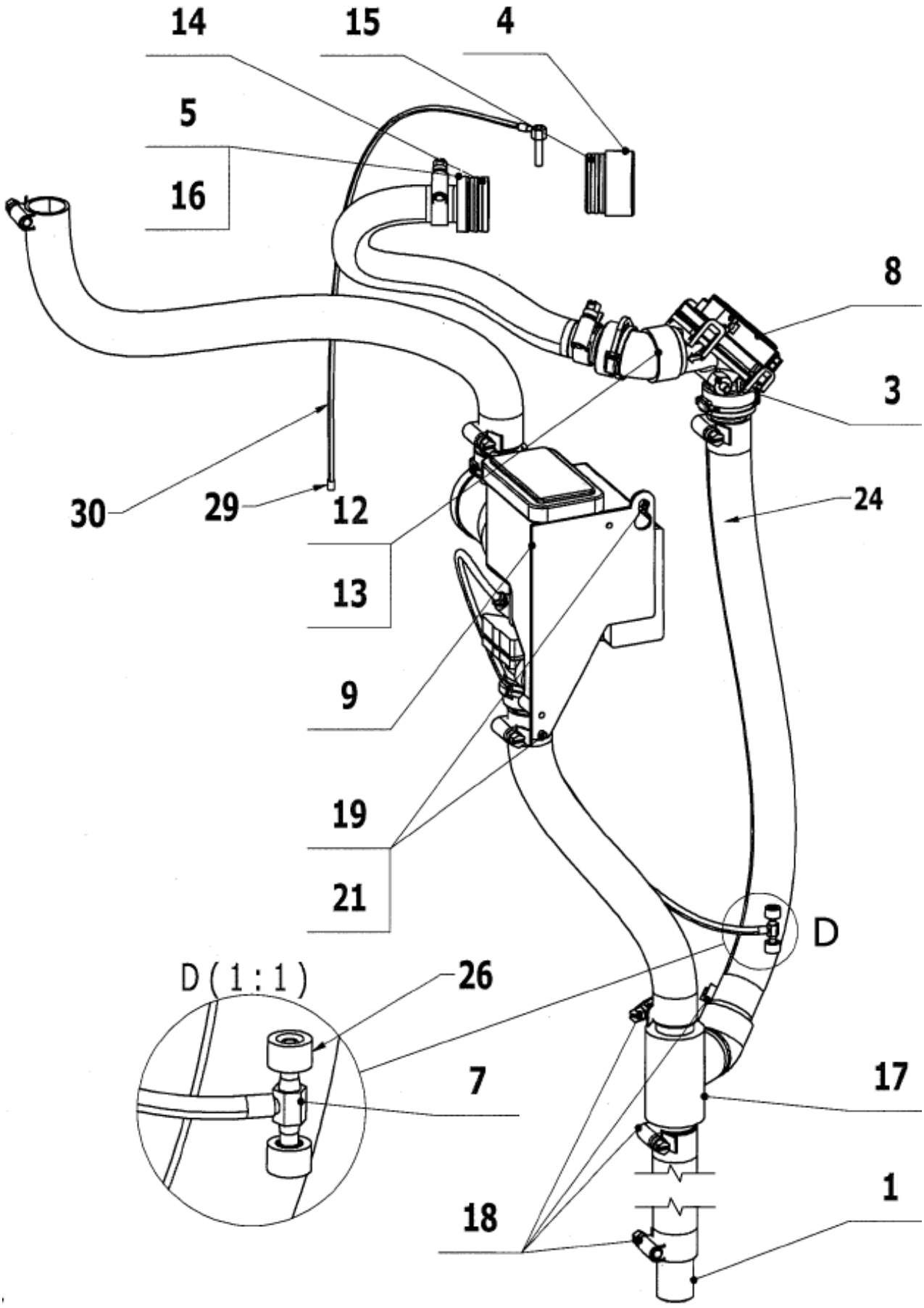
K-005 = FULL

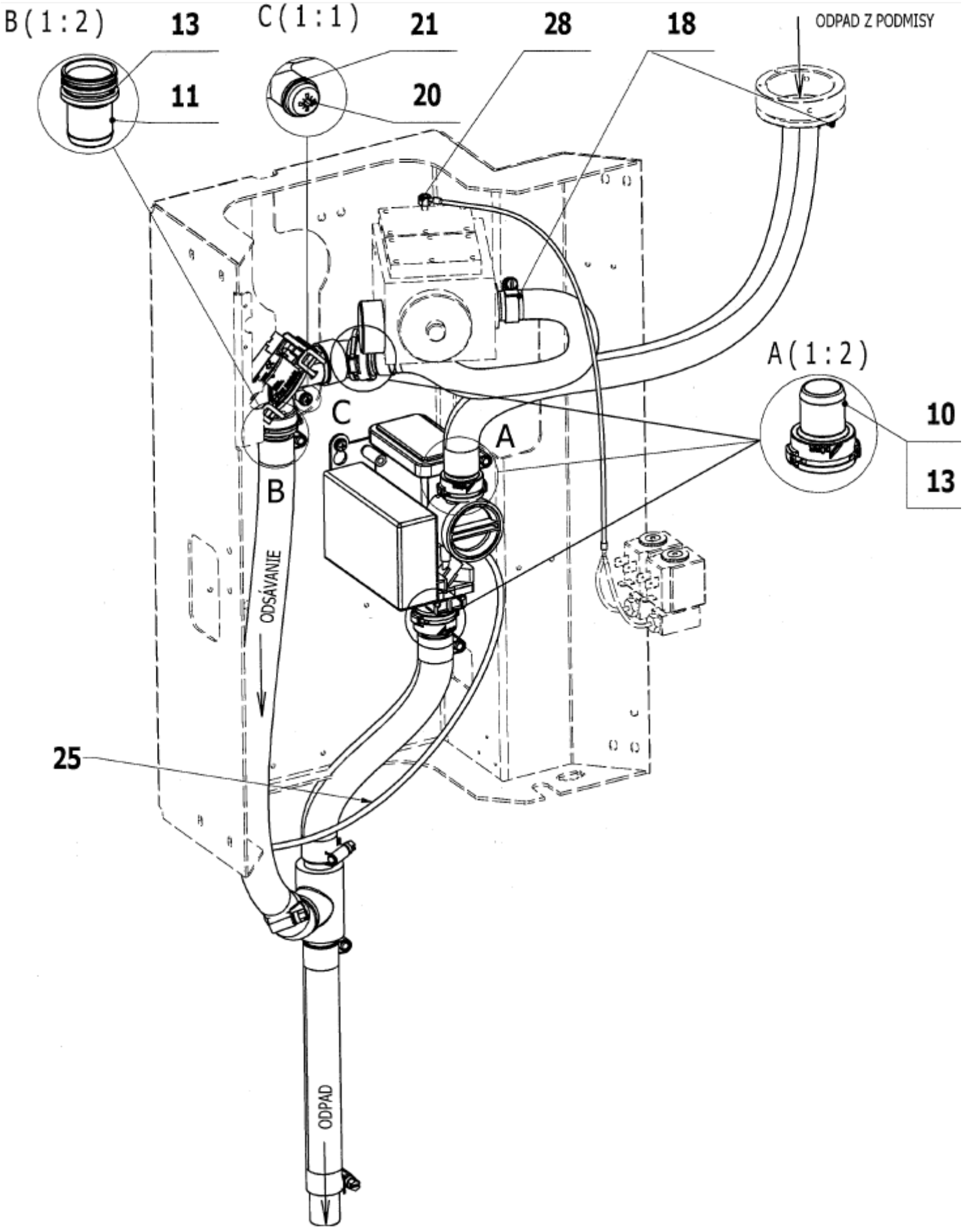
Pos.	Item no.	Product name	Unit	Quantity
901	V631.73-90-03	WIRES, RED	PC	1.00
902	ME397900.012	CABLE TIE, F 0301 CV-094	PC	3.00
903	ME345711.034	CLAMP, F0505 HC 101	PC	1.00

►DURR 2-VALVE WET SUCTION ACCESSORY - V624.74-00-00.1

(Dürr membrane valve for aspirator + Dürr float valve for basin)

1.	DURR 2-VALVE WET SUCTION ACCESSORY	BASIC	V624.74-00-00 K-004
		FULL	V624.74-00-00 K-005




B(1:2)
13
11
C(1:1)
21
20
28
18
ODPAD Z PODMISY
A(1:2)
10
13
C
A
B
ODSÁVANIE
25
ODPAD

Pos.	Item no.	Product name	Unit	Quantity
001	V600.0-01-10	PIPE	PC	1.00
003	V621.96-00-18	SPACER POST	PC	1.00
004	V606.70-00-04	PLUG, 1.	PC	1.00
005	V606.70-00-02	METASYS TAIL-PIECE	PC	1.00
007	ME336401.031	ADAPTER T230/220-1	PC	1.00
008	ME443100.002	MEMBRANE VALVE, DURR 7560-500-60	PC	1.00
009	ME443100.001	DURR FLOAT VALVE, 7560700052	PC	1.00
010	ME443000.114	NECKED-DOWN TAIL-PIECE, P20	PC	3.00
011	ME443000.136	STRAIGHT TAIL-PIECE, P 20 DURR	PC	1.00
012	ME286531.083	ELBOW, 45-DEGREE, 0700-700-05E	PC	1.00
013	ME443000.145	O RING, SILICONE 20X2 DURR	PC	5.00
014	ME273111.025	O RING, P 25X2	PC	2.00
015	ME273111.028	O RING, P 28X2	PC	2.00
017	V611.85-12-00	T FITTING WITH 45 ELBOW	PC	1.00
018	ME397800.015	CABLE TIE, F0301 CV-200	PC	10.00
019	ME309255.073	THREADED FASTENER, M 4X6	PC	2.00
020	ME309255.096	THREADED FASTENER, M 4x45	PC	1.00
021	ME311210.028	WASHER, P 4.3	PC	3.00
024	ME286000.006	HOSE, SPIRAFLEX P20	M	1.40
025	ME283368.007	HOSE, CALIBRATED, 4x0, L = 75-BL	M	0.28
026	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.01
028	V606.75-04-00	SUCTION TEE, COMPLETE	PC	1.00
029	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.01
030	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	0.44

K-004 = BASIC

Pos.	Item no.	Product name	Unit	Quantity
901	ME374000.331	PB_CAT5 MODULE	PC	1.00
902	V631.71-90-02	WIRES, BLACK	PC	1.00
903	V631.71-90-03	WIRES, WHITE	PC	1.00
904	V631.73-90-03	WIRES, RED	PC	1.00
905	V631.69-90-01	POWER WIRES, PB_cAT_5 MODULE	PC	1.00
908	ME397900.012	CABLE TIE, F 0301 CV-094	PC	8.00
906	V631.69-90-03	SUCTION CONNECTOR WIRES	PC	1.00
907	ME345711.034	CLAMP, F0505 HC 101	PC	2.00
990	V629.68-90-90	EL. SCHEMATIC FOR SUCTION SYSTEM	PC	

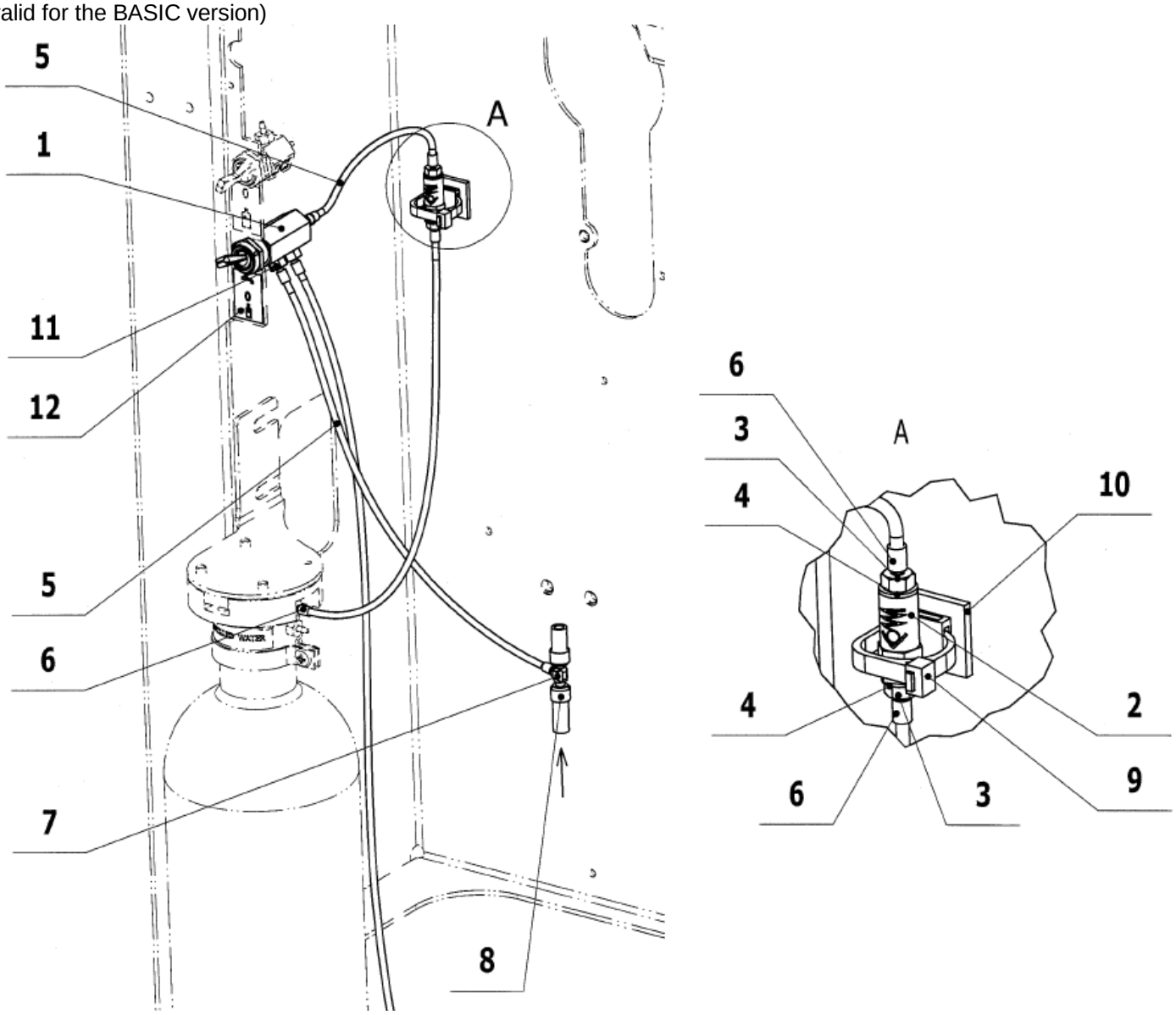
K-005 = FULL

Pos.	Item no.	Product name	Unit	Quantity
901	V631.71-90-02	WIRES, BLACK	PC	1.00
902	V631.71-90-03	WIRES, WHITE	PC	1.00
903	V631.73-90-03	WIRES, RED	PC	1.00
904	ME397900.012	CABLE TIE, F 0301 CV-094	PC	8.00
905	ME345711.034	CLAMP, F0505 HC 101	PC	2.00

5 - Other accessories

►MANUAL CENTRAL MANIFOLD CONTROL ACCESSORY - V623.64-00-00

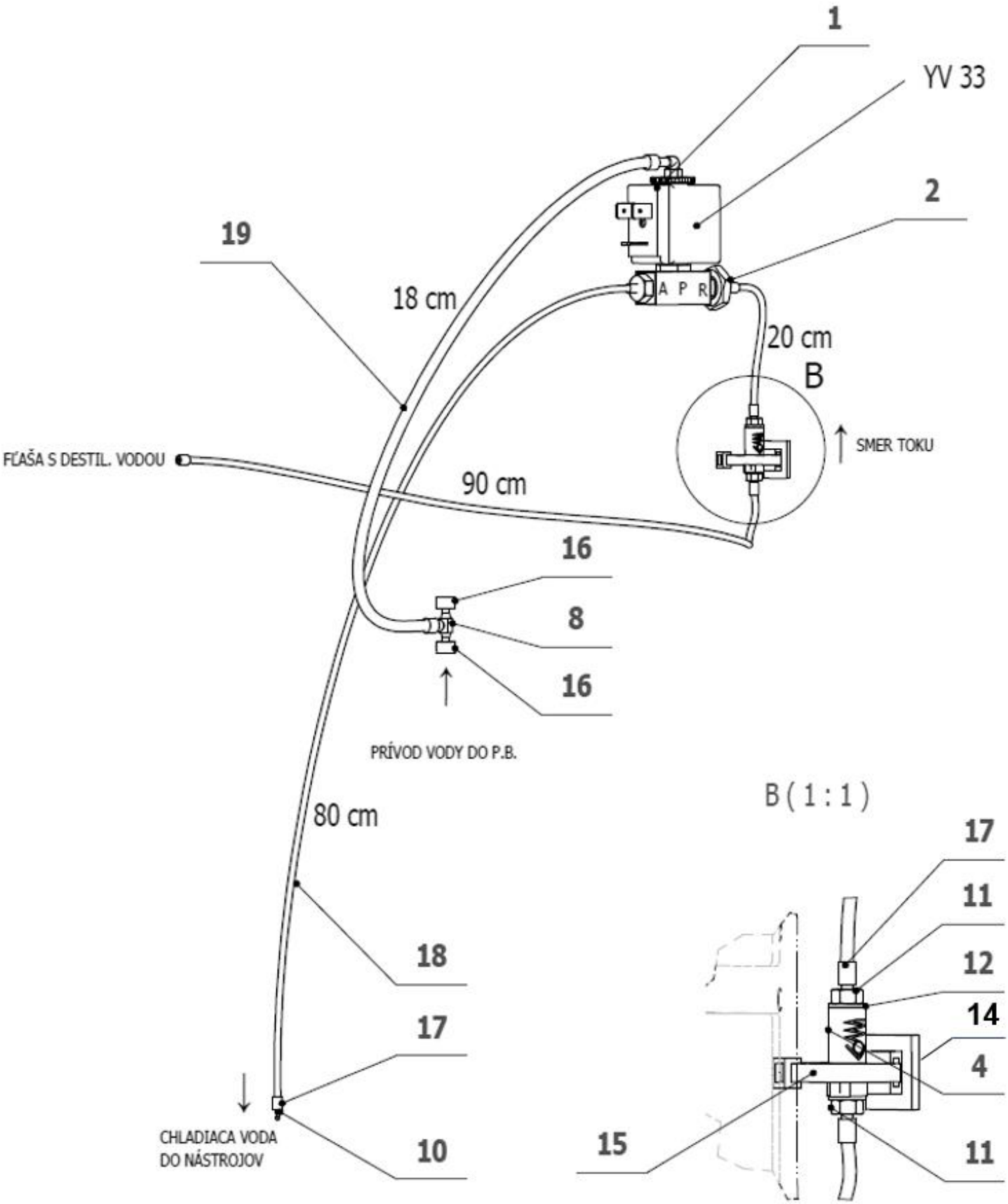
(valid for the BASIC version)



Pos.	Item no.	Product name	Unit	Quantity
001	ME551110.018	VALVE, 3/2, MANUAL	PC	1.00
002	ME397522.003	CHECK VALVE, MCV-2-M5	PC	1.00
003	ME397522.004	TAIL-PIECE, 11752-2-M5-PKG	PC	2.00
004	ME397522.005	GASKET, 11761-4-PKG	PC	2.00
005	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.01
006	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.02
007	ME336401.027	ADAPTER T230/210-1	PC	1.00
008	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.01
009	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1.00
010	ME345711.034	CLAMP, F0505 HC 101	PC	1.00
011	ME336401.008	ADAPTER M5210-1	PC	3.00
012	ME735010.003	SELF-ADHESIVE FOIL 4-606.60-00-98	PC	1.00

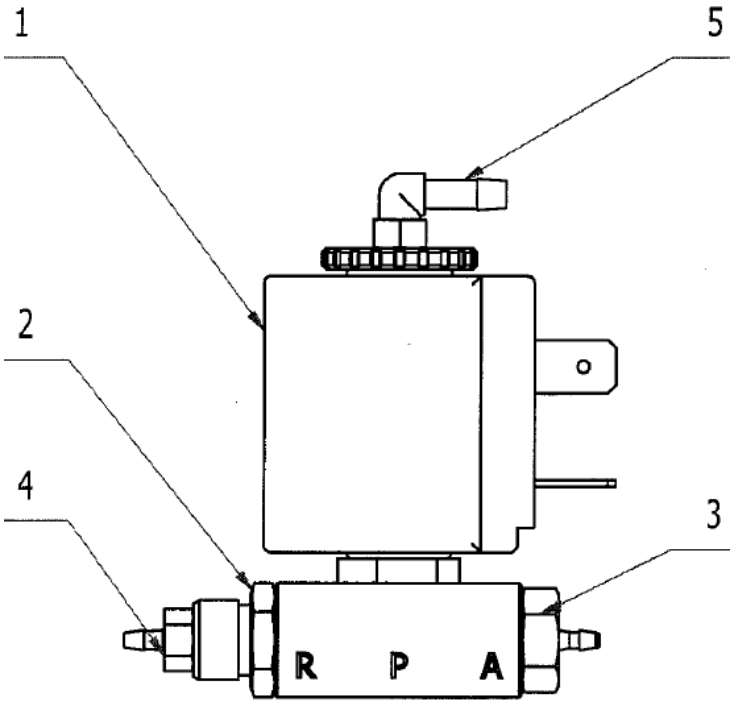
►ELECTRIC CENTRAL MANIFOLD CONTROL ACCESSORY - V624.64-00-00

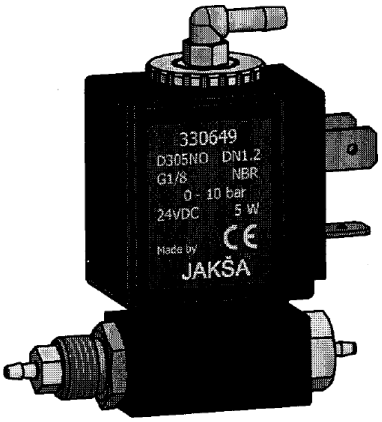
(valid for the FULL version)



Pos.	Item no.	Product name	Unit	Quantity
001>>	**V618.62-01-00**	**SOLENOID VALVE, JAKSA D305NO**	PC	1,00
002	ME311120.091	NUT, M 10X1	PC	1,00
004	ME397522.003	CHECK VALVE, MCV-2-M5	PC	1,00
008	ME336401.031	ADAPTER T230/220-1	PC	1,00
010	ME336401.012	ADAPTER N210-1	PC	1,00
011	ME397522.004	TAIL-PIECE, 11752-2-M5-PKG	PC	2,00
012	ME397522.005	GASKET, 11761-4-PKG	PC	2,00
014	ME345711.034	CLAMP, F0505 HC 101	PC	1,00
015	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1,00
016	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0,01
017	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0,04
018	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	1,90
019	ME283367.025	HOSE, PUR 2.9/4.7 BLUE	m	0,36

>>SOLENOID VALVE, JAKSA D305NO - V618.62-01-00

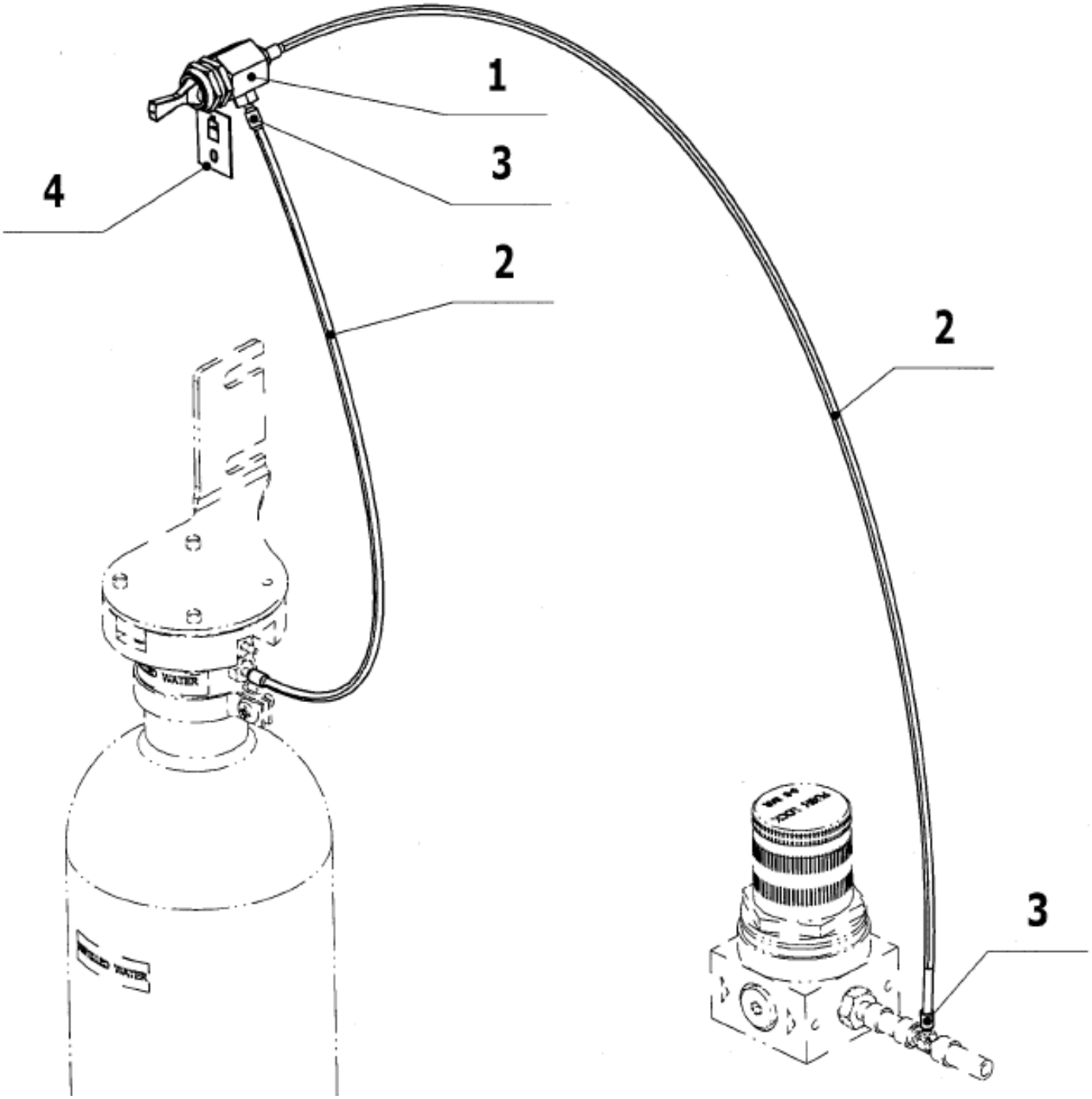




Pos.	Item no.	Product name	Unit	Quantity
001	ME405658.017	SOLENOID VALVE, D305 NO G1/8”	PC	1,00
002	V601.8-20-01	REDUCER	PC	1,00
003	ME336401.023	ADAPTER, 18210 J1A	PC	1,00
004	ME336401.008	ADAPTER M5210 - 1	PC	1,00
005	ME336402.002	THREADED PORT, L	PC	1,00

► MANUAL CONTAINER PRESSURE RELIEF V623.62-00-00

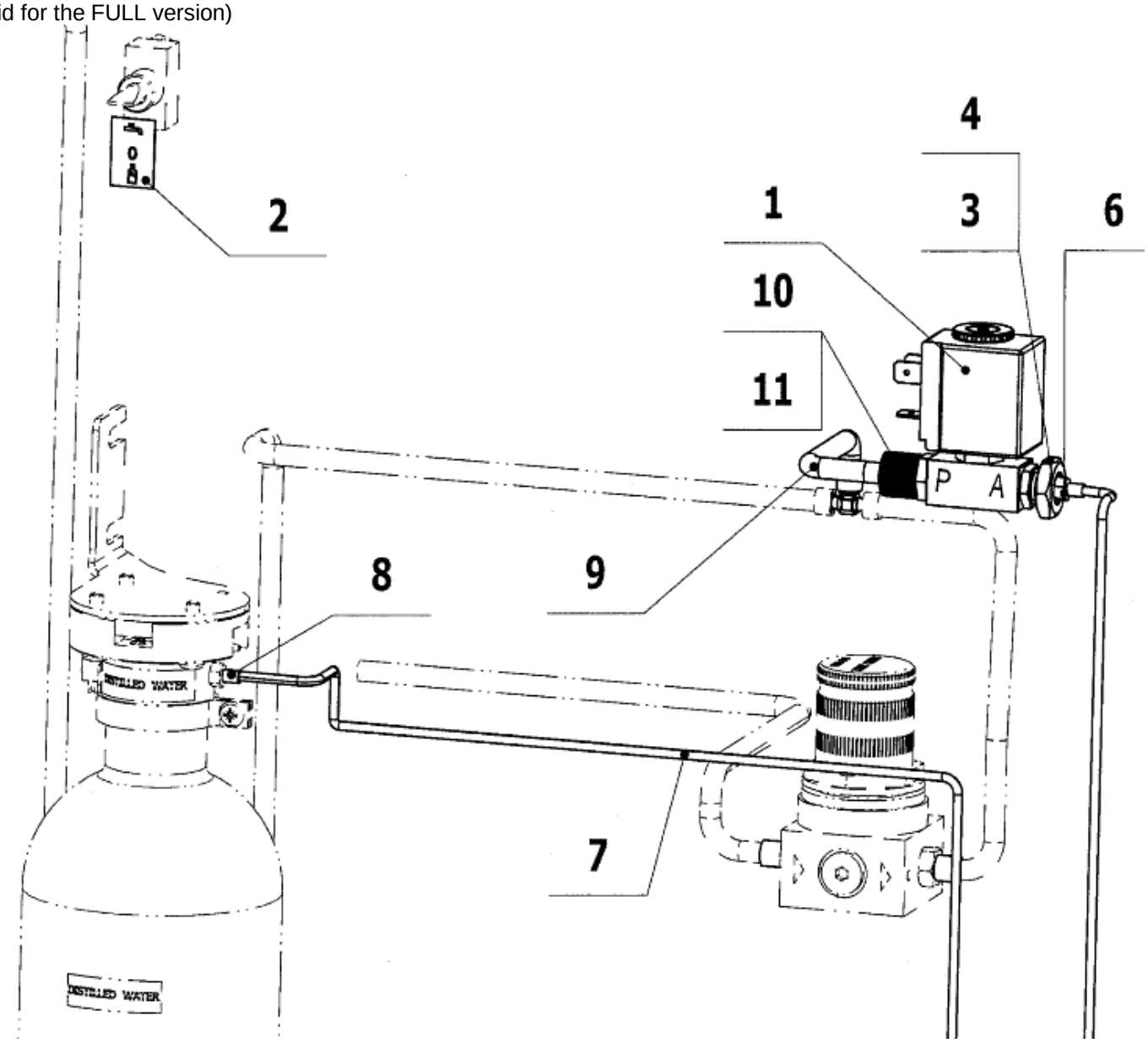
(valid for the BASIC version)



Pos.	Item no.	Product name	Unit	Quantity
1	ME551110.026	MANUAL VALVE, TOGGLE ON/OFF, 3-way	PC	1.00
2	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	0.50
3	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.01
4	ME735413.036	SELF-ADHESIVE FOIL	PC	1.00

► POWER CONTAINER PRESSURE RELIEF V623.63-00-00

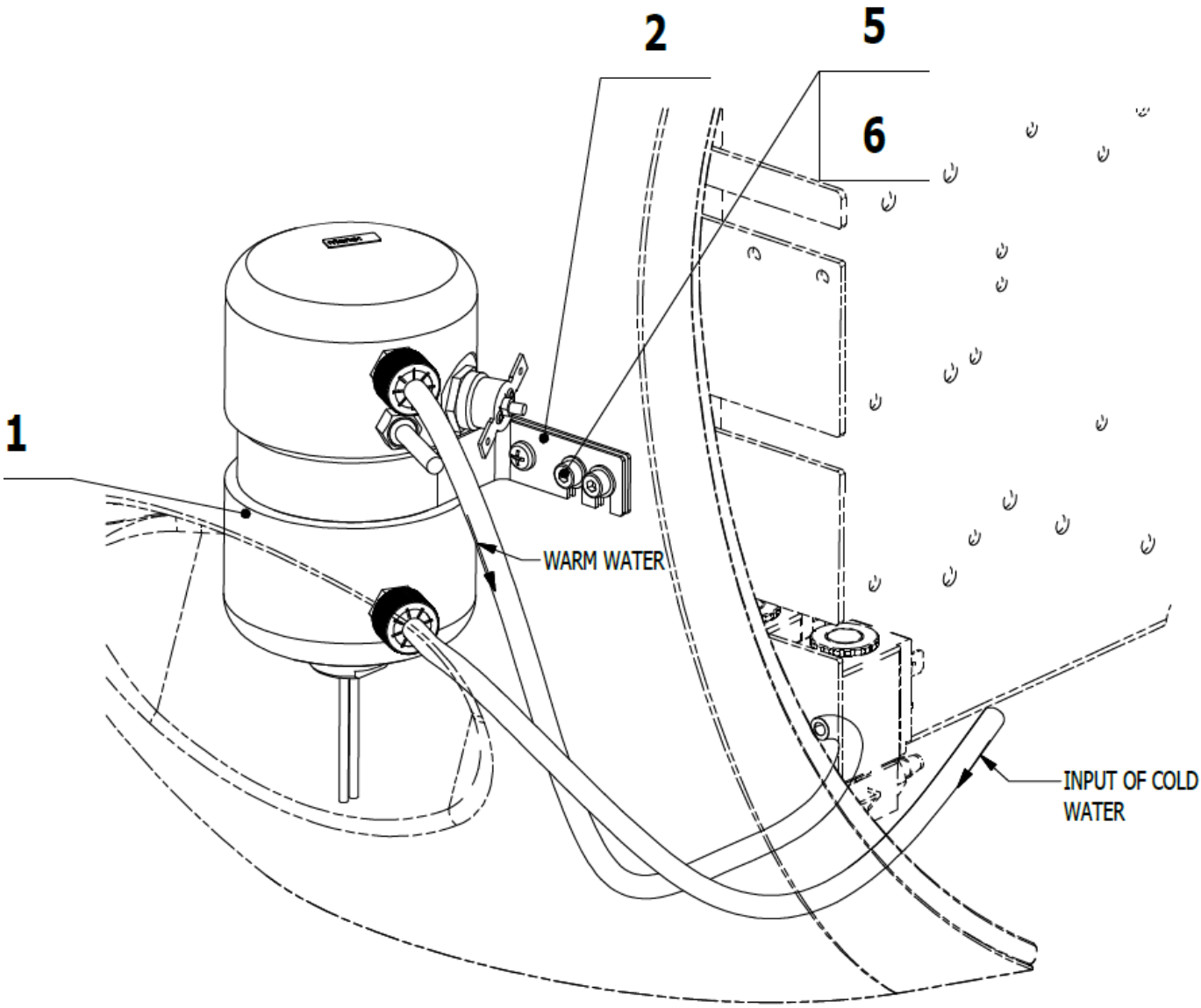
(valid for the FULL version)



Pos.	Item no.	Product name	Unit	Quantity
001	ME405658.016	SOLENOID VALVE, D305 G1/8”	PC	1.00
002	ME735010.003	SELF-ADHESIVE FOIL 4-606.60-00-98	PC	1.00
003	ME311120.091	NUT, M 10X1	PC	1.00
004	V601.8-20-01	REDUCER	PC	1.00
006	ME336401.008	ADAPTER M5210-1	PC	1.00
007	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	1.11
008	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.01
009	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.01
010	ME321822.014	NUT, 4-601.8-00-34	PC	1.00
011	ME336402.001	THREADED COLLAR, FLAT	PC	1.00
901	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00
902	ME345711.034	CLAMP, F0505 HC 101	PC	1.00
903	ME348000.021	SWITCH, C1720R	PC	1.00

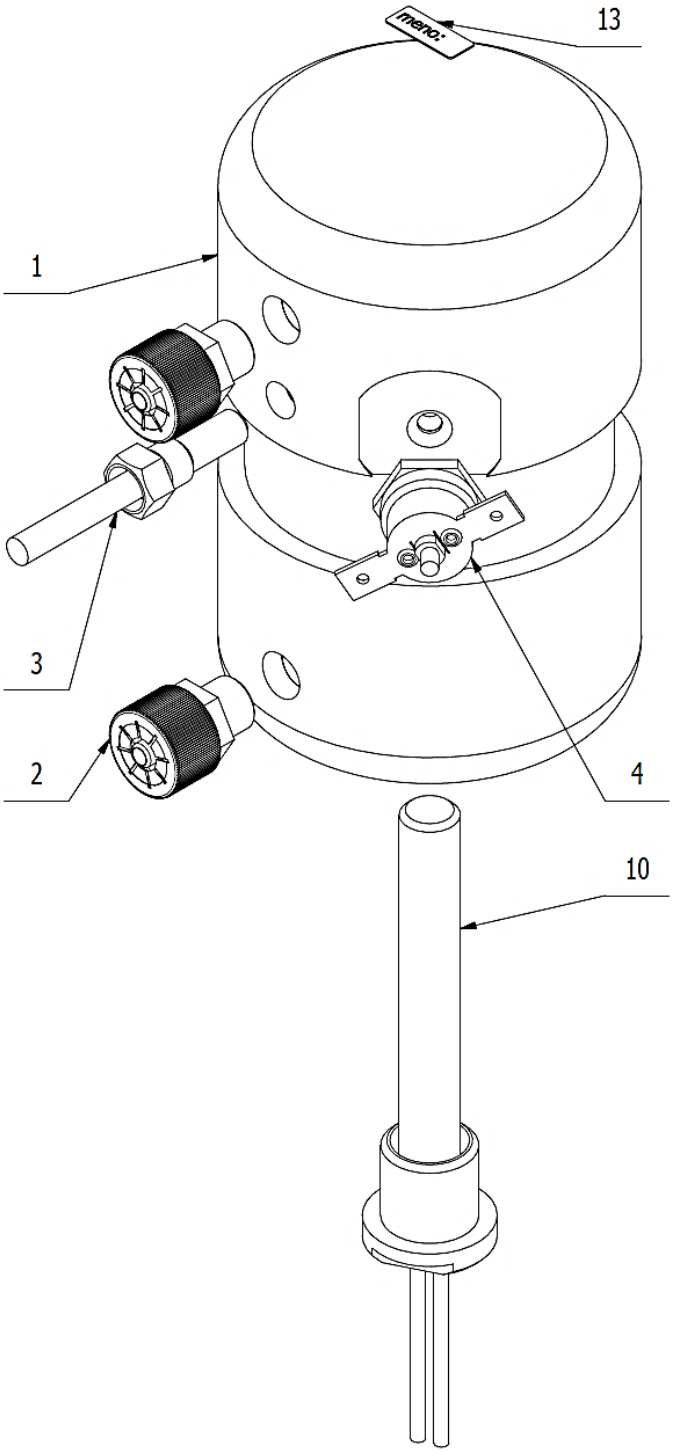
►WATER HEATER ACCESSORY - V629.61-00-00

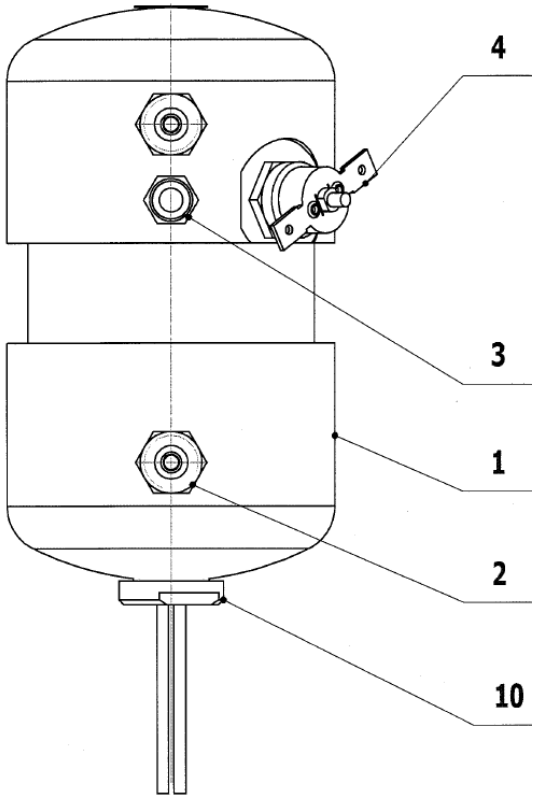
(only for the FULL version)



Pos.	Item no.	Product name	Unit	Quantity
001>>	V629.61-02-00	HEATER	PC	1.00
002	V618.61-01-00	HEATER COLLAR - ASSEMBLY	PC	1.00
005	ME309543.105	THREADED FASTENER, M 4X10	PC	2.00
006	ME311210.037	WASHER, P 4.3	PC	2.00

>> HEATER - V629.61-02-00

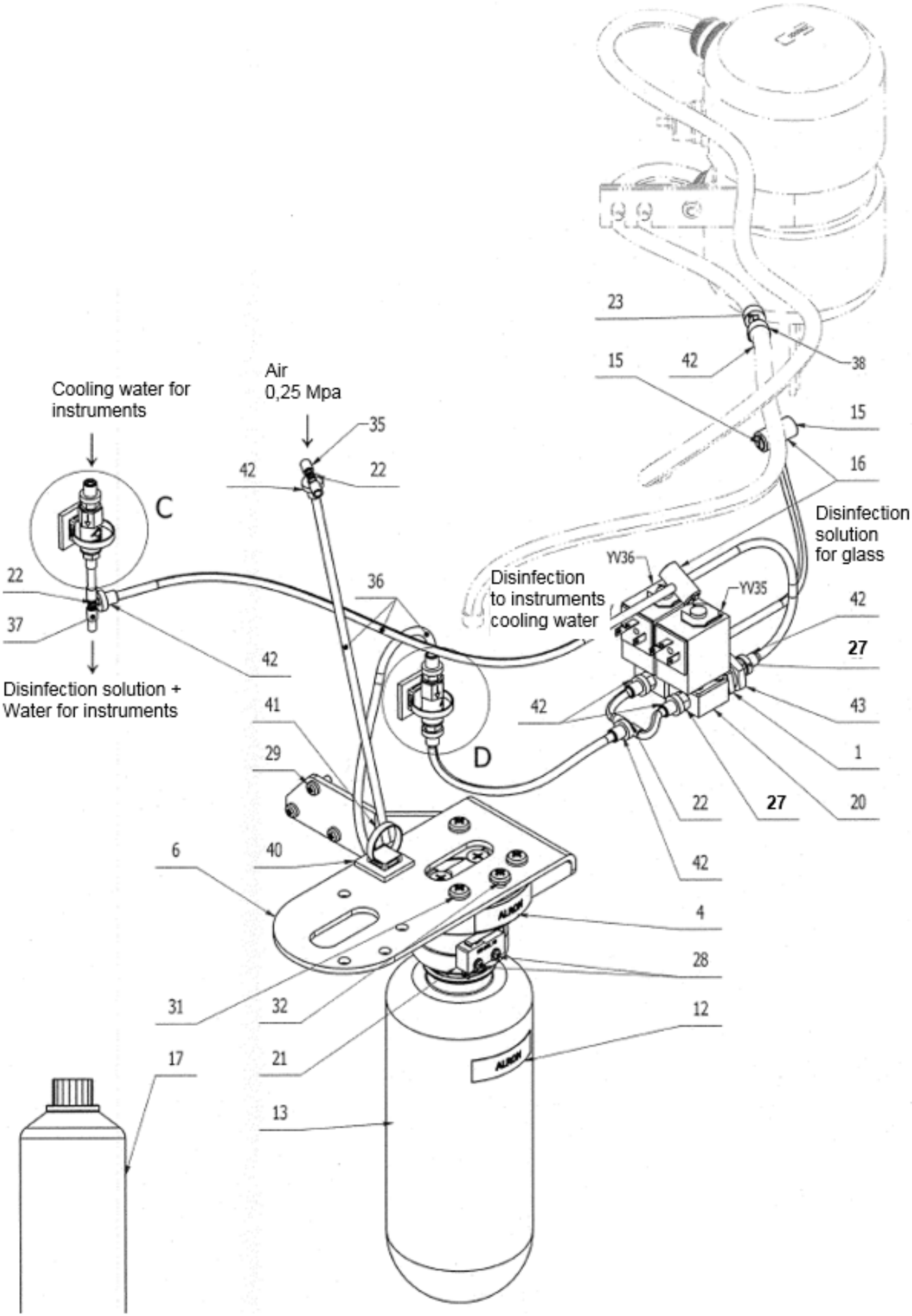


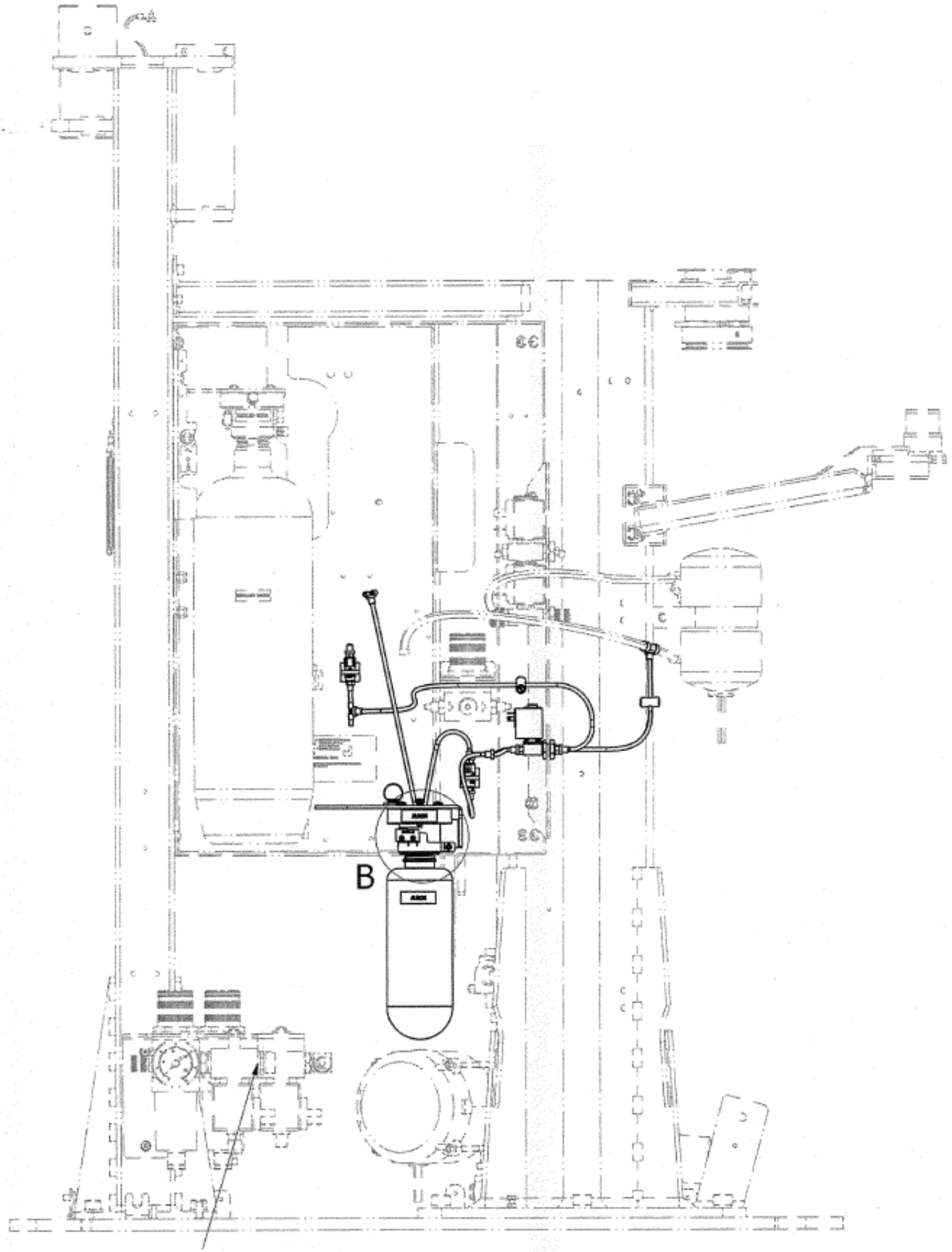


Pos.	Item no.	Product name	Unit	Quantity
001	V601.8-50-00	HEATER TANK	PC	1.00
002	ME336402.001	THREADED COLLAR, FLAT	PC	2.00
003	V629.61-03-00	HEATER SENSOR	PC	1.00
004	ME405720.005	THERMOSTAT, S-3014 2455RM LIMITER	PC	1.00
010	ME541525.007	STAINLESS STEEL HEATING ELEMENT	PC	1.00
013	ME548232.363	LABEL, 15.3x5.7	PC	1.00

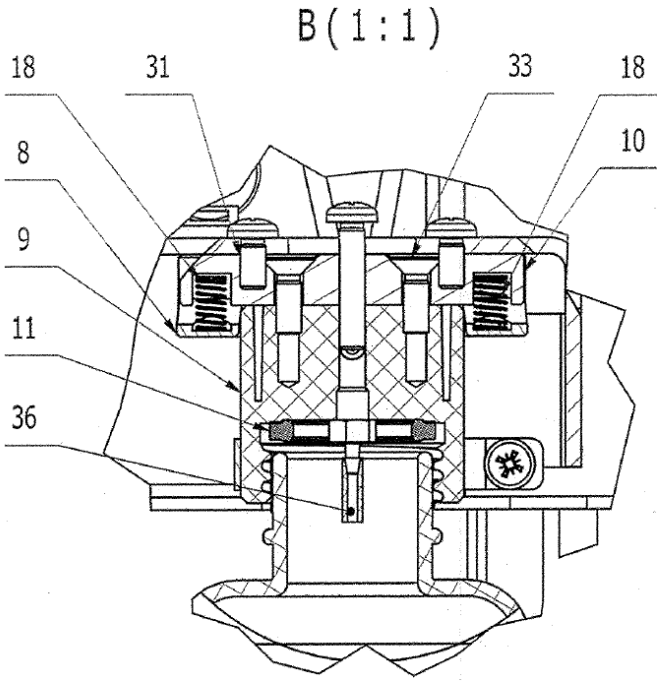
►AUTOMATIC DISINFECTION – V631.67-00-00

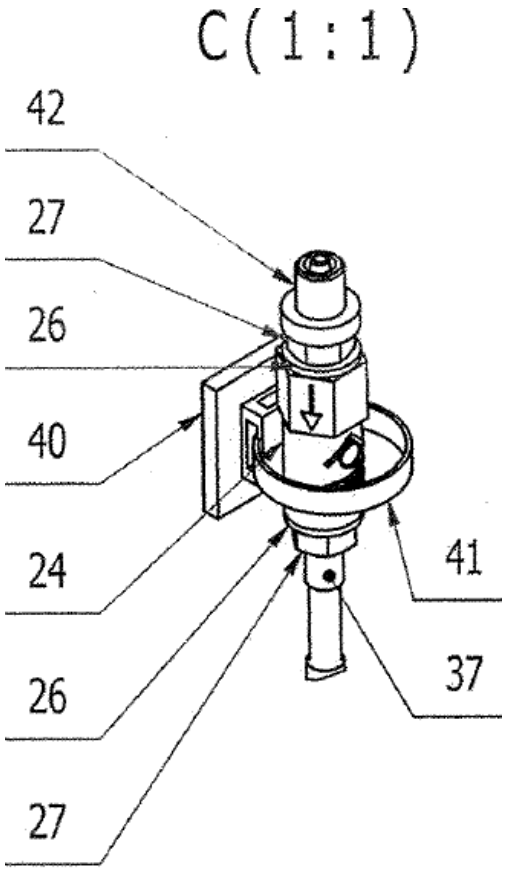
(Disinfection of cup filler and instrument lines)

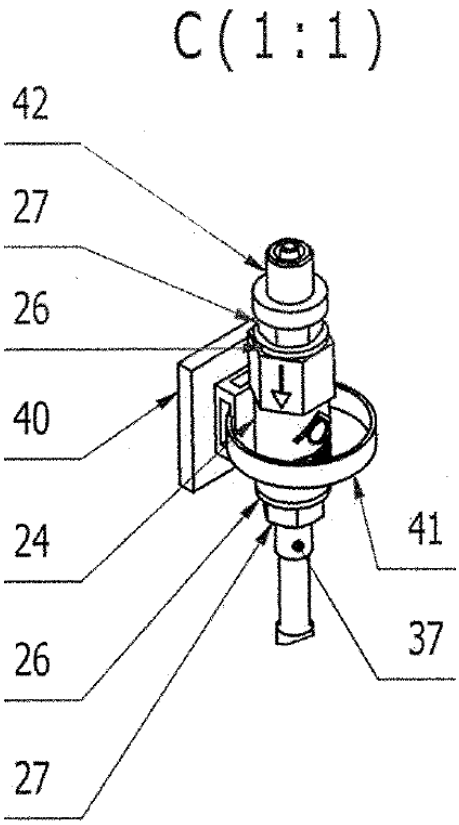




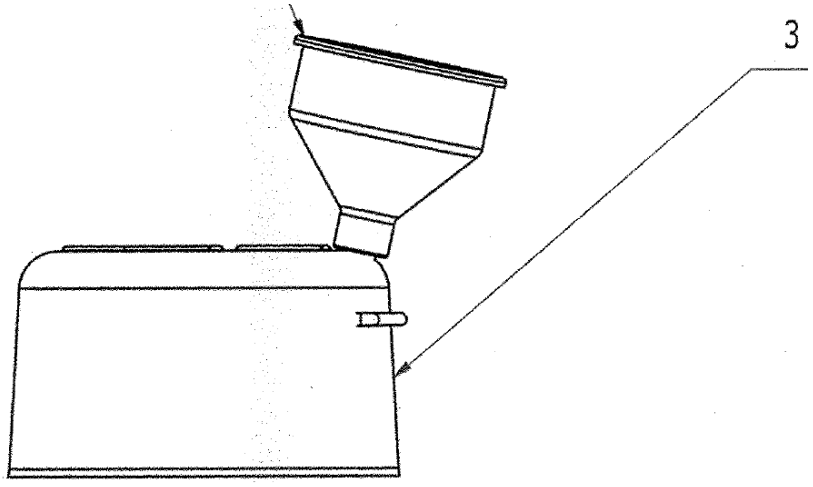
Water inlet valve







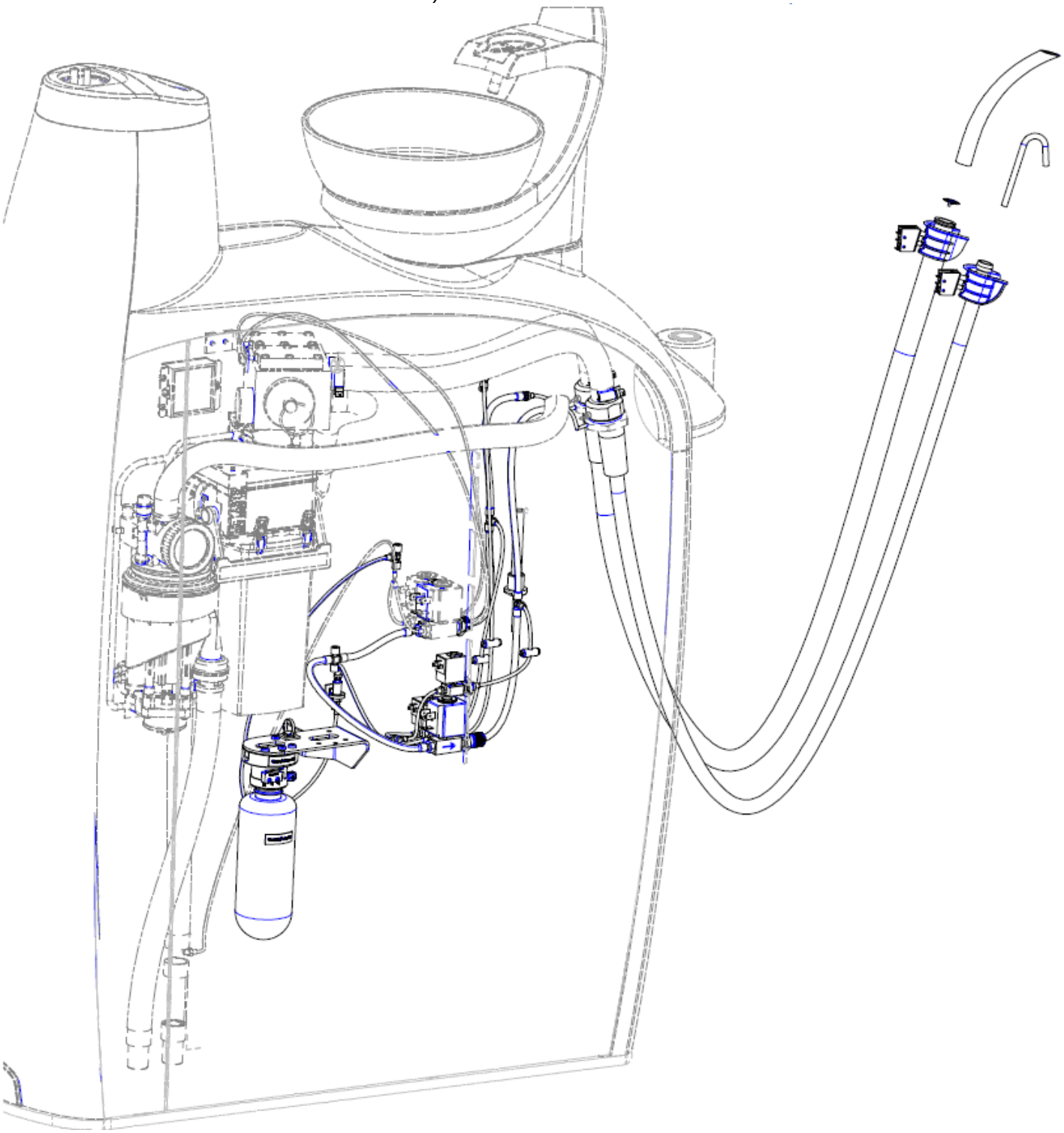
and funnel are part of
the equipment

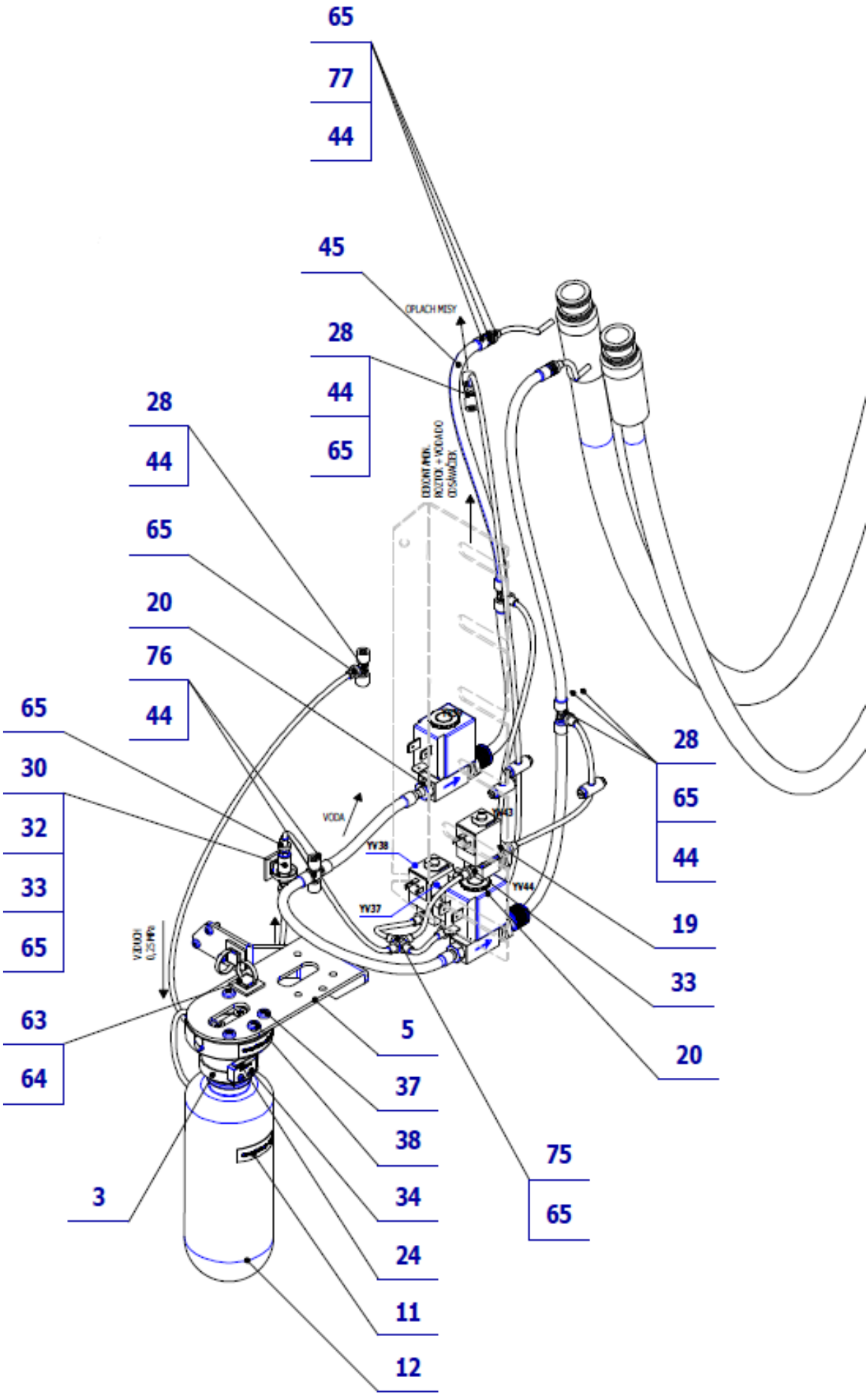


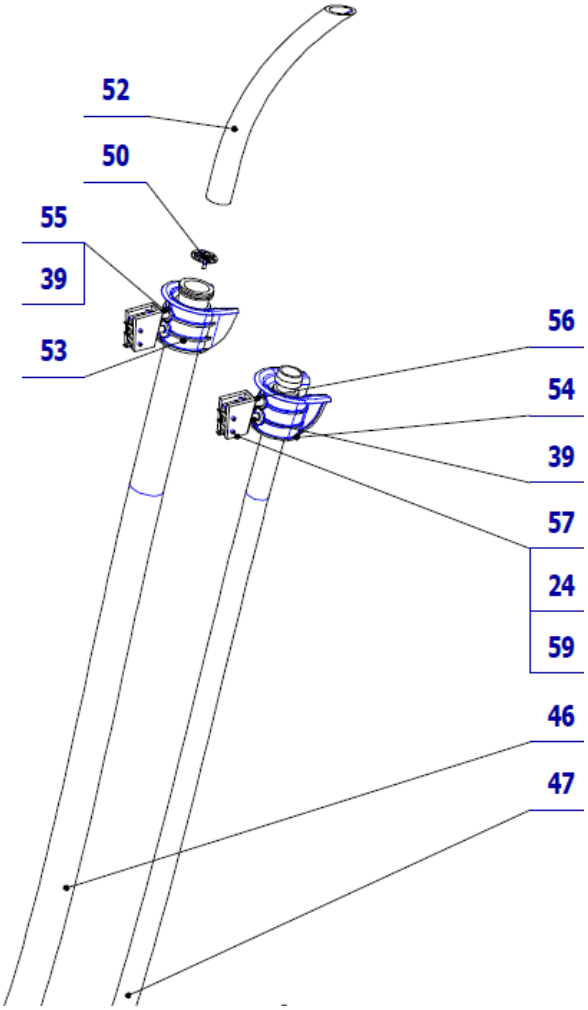
Pos.	Item no.	Product name	Unit	Quantity
001	V629.68-00-01	REDUCER	PC	2.00
003	V618.65-03-00.1	INSTRUMENT DISINFECTANT / WHT1	PC	1.00
004	V618.60-12-00.1	SWITCH COLLAR - ASSEMBLY	PC	1.00
006	V624.67-00-06.1	HYGIENE CONTAINER HOLDER	PC	1.00
008	V606.60-00-24.2	SLEEVE	PC	1.00
009	V606.60-00-23.3	HEAD, DL 250	PC	1.00
010	V606.60-00-25.1	HEAD LINE CONNECTIONS	PC	1.00
011	ME273000.032	FLANGE GASKET, 657, 1/2	PC	1.00
012	ME735010.009	SELF-ADHESIVE FOIL, 4-606.60-00-20	PC	2.00
013	V618.65-00-13	CYLINDRICAL CONTAINER	PC	1.00
015	V606.65-00-04	FLOW REGULATOR	PC	4.00
016	V606.65-00-03	FLOW REGULATOR BODY	PC	2.00
017	ME443000.111	ALPRON 1L	PC	1.00
018	ME315000.079	SPRING, 0250X043X0126 TL	PC	4.00
020	ME405658.018	VALVE, V 165V06 ZE30C	PC	2.00
021	ME374415.031	MICRO SWITCH, OMRON SS-5GL 13	PC	1.00
022	ME336401.015	ADAPTER T210-1	PC	3.00
023	ME336401.027	ADAPTER T230/210-1	PC	1.00
024	ME397522.003	CHECK VALVE, MCV-2-M5	PC	2.00
026	ME397522.005	GASKET, 11761-4-PKG	PC	4.00
027	ME397522.004	TAIL-PIECE, 11752-2-M5-PKG	PC	11.00
028	ME309255.071	THREADED FASTENER, M 2X10	PC	2.00
029	ME309255.036	THREADED FASTENER, M 3X8	PC	3.00
031	ME309543.068	THREADED FASTENER, M 4X8	PC	4.00
032	ME309255.070	THREADED FASTENER, M 4X20	PC	1.00
033	ME309251.073	THREADED FASTENER, M 4X12	PC	2.00
035	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	0.44
036	ME283367.087	HOSE, PUR TRANSPARNET.1/16"x1/8"x100´	M	1.00
037	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.10
038	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.01
040	ME345711.034	CLAMP, F0505 HC 101	PC	4.00
041	ME397900.012	CABLE TIE, F 0301 CV-094	PC	4.00
042	ME323622.010	SLEEVE, 3x5x7	PC	13.00
043	ME311120.091	NUT, M 10X1	PC	2.00
901	ME374000.359	PB_DEZ1 MODULE	PC	1.00
902	ME374100.010	HYGIENE LUX DA270 VALVE WIRING HARNESS	PC	1.00
903	v629.68-90-01	POWER WIRES, PB_CAT_5 MODULE	PC	1.00

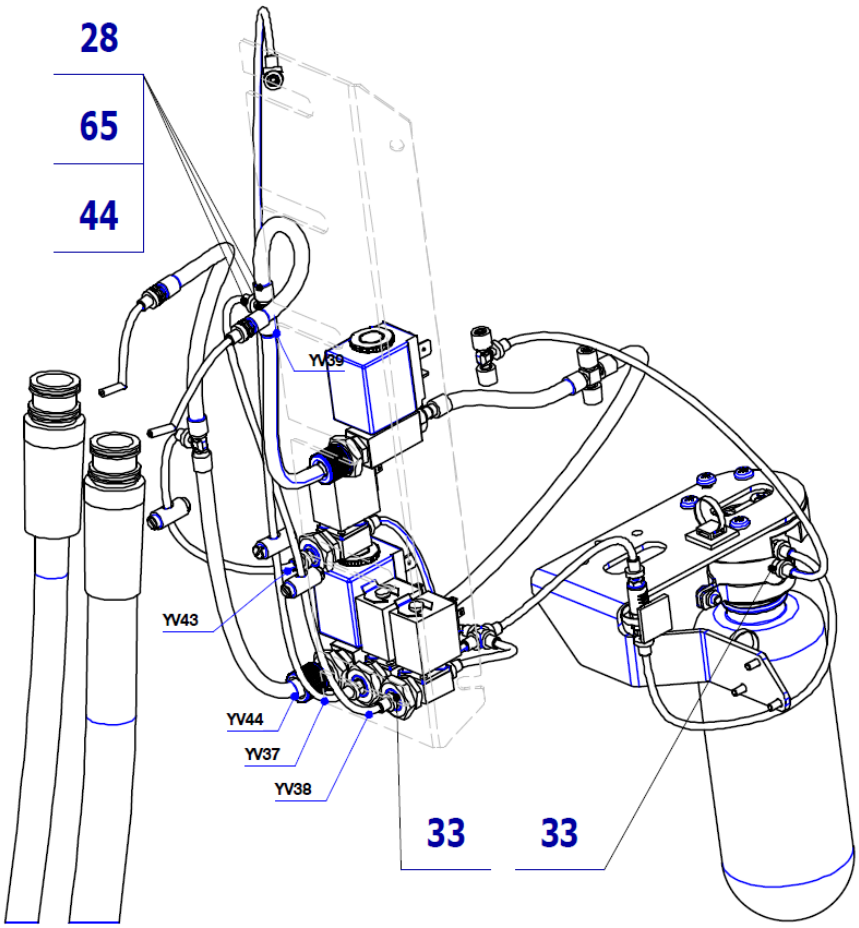
►AUTOMATIC DECONTAMINATION – V631.68-00-00

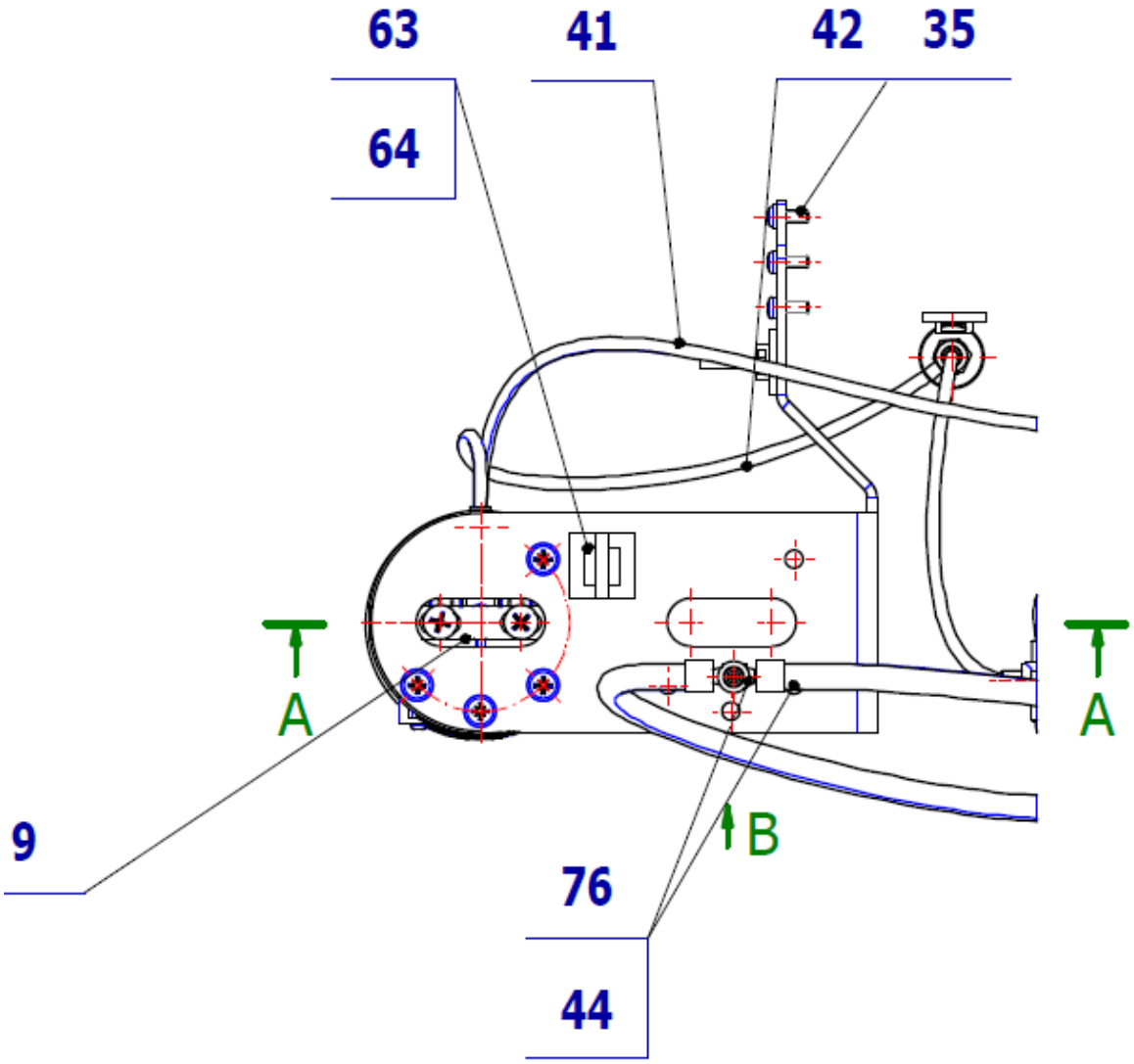
(Decontamination of suction hoses and basin rinse)

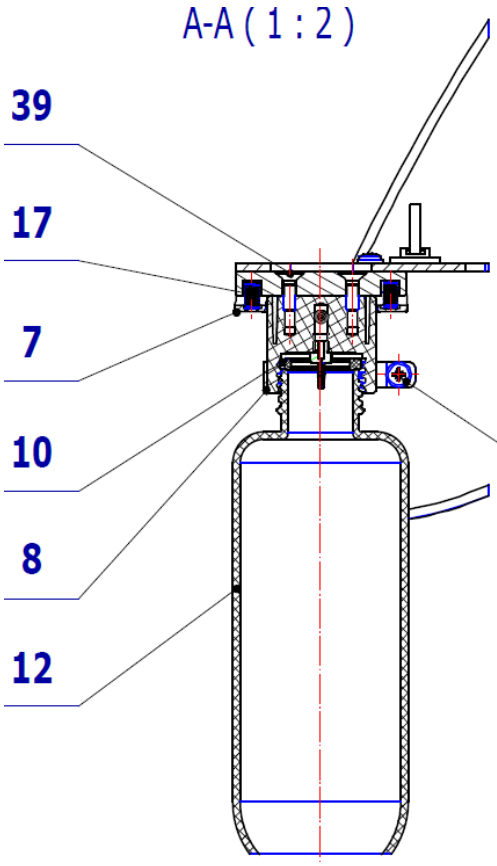


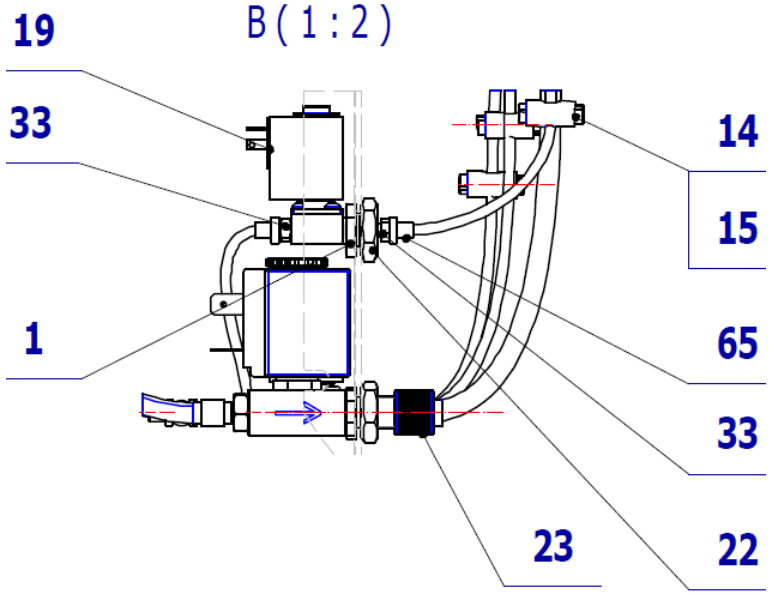

65
77
44
45
28
44
65
28
44
65
20
76
44
65
30
32
33
65
63
64
3
5
37
38
34
24
11
12
75
65
28
65
44
19
33
20
OPLACH MISY
VODA
YV38
YV37
YV44


52
50
55
39
53
56
54
39
57
24
59
46
47


28
65
44
YV39
YV43
YV44
YV37
YV38
33
33


63
41
42
35
64
A
A
B
9
76
44


A-A (1 : 2)
39
17
7
10
8
12
37

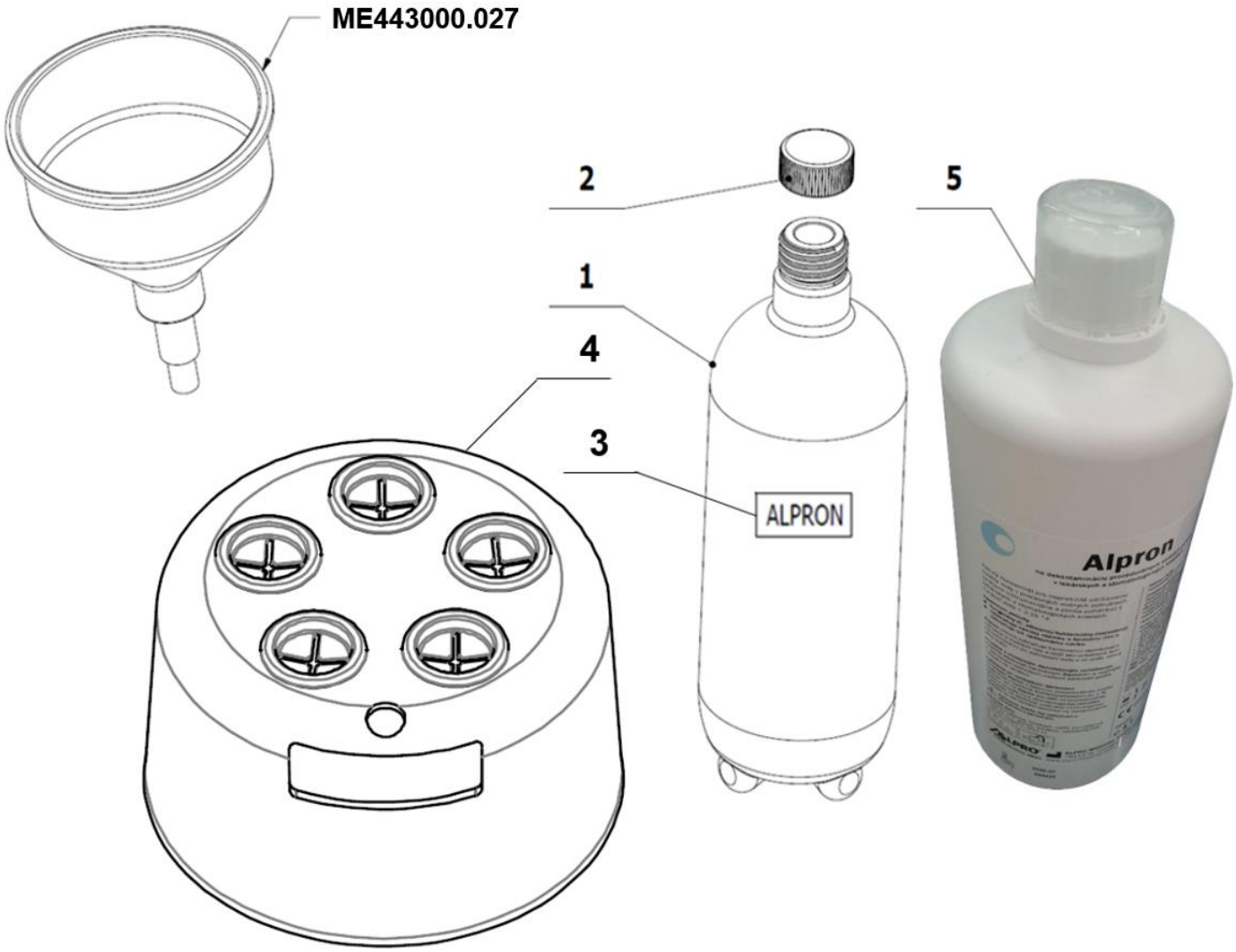

B (1 : 2)
19
33
1
14
15
65
33
23
22

Pos.	Item no.	Product name	Unit	Quantity
001	V629.68-00-01	REDUCER	PC	3.00
003	V618.60-12-00.1	SWITCH COLLAR - ASSEMBLY	PC	1.00
005	V624.67-00-06.1	HYGIENE CONTAINER HOLDER	PC	1.00
007	V606.60-00-24.2	SLEEVE	PC	1.00
008	V606.60-00-23.3	HEAD, DL 250	PC	1.00
009	v606.60-00-25.1	HEAD LINE CONNECTIONS	PC	1.00
010	ME273000.032	FLANGE GASKET, 657, 1/2	PC	1.00
011	ME735010.010	SELF-ADHESIVE FOIL, 4-606.66-00-21	PC	2.00
012	V618.65-00-13	CYLINDRICAL CONTAINER	PC	1.00
014	V606.65-00-04	FLOW REGULATOR	PC	6.00
015	V606.65-00-03	FLOW REGULATOR BODY	PC	3.00
016	ME443000.110	CLEANING KIT, GREEN AND CLEAN M2	PC	OPTION
016	ME443000.132	GREEN AND CLEAN M2, 4 to a pack	PACK	OPTION
017	ME315000.079	SPRING, 0250X043X0126 TL	PC	4.00
019	ME405658.018	VALVE, V 165V06 ZE30C	PC	3.00
020	ME405658.010	SOLENOID VALVE, JAKSA D211	PC	2.00
021	V600.8-00-39	COLLAR	PC	2.00
022	ME311120.091	NUT, M 10X1	PC	5.00
023	ME321822.014	NUT, 4-601.8-00-34	PC	2.00
024	ME374415.031	MICRO SWITCH, OMRON SS-5GL 13	PC	3.00
028	ME336401.027	ADAPTER T230/210-1	PC	4.00
029	ME336401.028	ADAPTER 18240-1	PC	2.00
030	ME397522.003	CHECK VALVE, MCV-2-M5	PC	1.00
032	ME397522.005	GASKET, 11761-4-PKG	PC	2.00
033	ME397522.004	TAIL-PIECE, 11752-2-M5-PKG	PC	11.00
034	ME309255.071	THREADED FASTENER, M 2X10	PC	2.00
035	ME309255.036	THREADED FASTENER, M 3X8	PC	3.00
037	ME309543.068	THREADED FASTENER, M 4X8	PC	4.00
038	ME309255.070	THREADED FASTENER, M 4X20	PC	1.00
039	ME309251.073	THREADED FASTENER, M 4X12	PC	3.00
041	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	4.89
042	ME283367.087	HOSE, PUR TRANSPARNET.1/16"x1/8"x100´	M	1.20
043	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.10
044	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.05
045	ME345711.036	HOSE, PUR 3.8/6.4 GREEN	m	0.42
046	ME336641.013	LARGE ASPIRATOR HOSE, 1.8 m	PC	1.00
047	ME336641.014	SMALL ASPIRATOR HOSE, 1.8 m	PC	1.00
050	V618.66-00-01	FILTER, P16	PC	1.00
052	ME283367.082	LARGE SUCTION TAIL-PIECE, STERILISABLE	PC	1.00
053	V618.89-00-01	LARGE ASPIRATOR BUSHING	PC	1.00
054	V618.89-00-02.1	SMALL ASPIRATOR BUSHING	PC	1.00
055	V618.89-00-03	LARGE ASPIRATOR PIN	PC	1.00
056	V618.89-00-04	SMALL ASPIRATOR PIN	PC	1.00
057	ME321822.062	MICRO SWITCH HOLDER	PC	2.00
059	ME309255.082	THREADED FASTENER, M 2X14	PC	4.00
061	ME309251.093	THREADED FASTENER, M 4X14	PC	1.00
063	ME345711.034	CLAMP, F0505 HC 101	PC	3.00

064	ME397900.012	CABLE TIE, F 0301 CV-094	PC	3.00
065	ME323622.010	SLEEVE, 3x5x7	PC	20.00
075	ME336401.002	ADAPTER 4PX210-1	PC	1.00
076	ME336401.032	ADAPTER 4PX230-1	PC	1.00
077	ME336401.024	ADAPTER N025/004-1	PC	2.00
901	ME374000.359	PB_DEZ1 MODULE	PC	1.00
902	ME374100.010	HYGIENE LUX DA270 VALVE WIRING HARNESS	PC	1.00
903	v629.68-90-01	POWER WIRES, PB_CAT_5 MODULE	PC	1.00

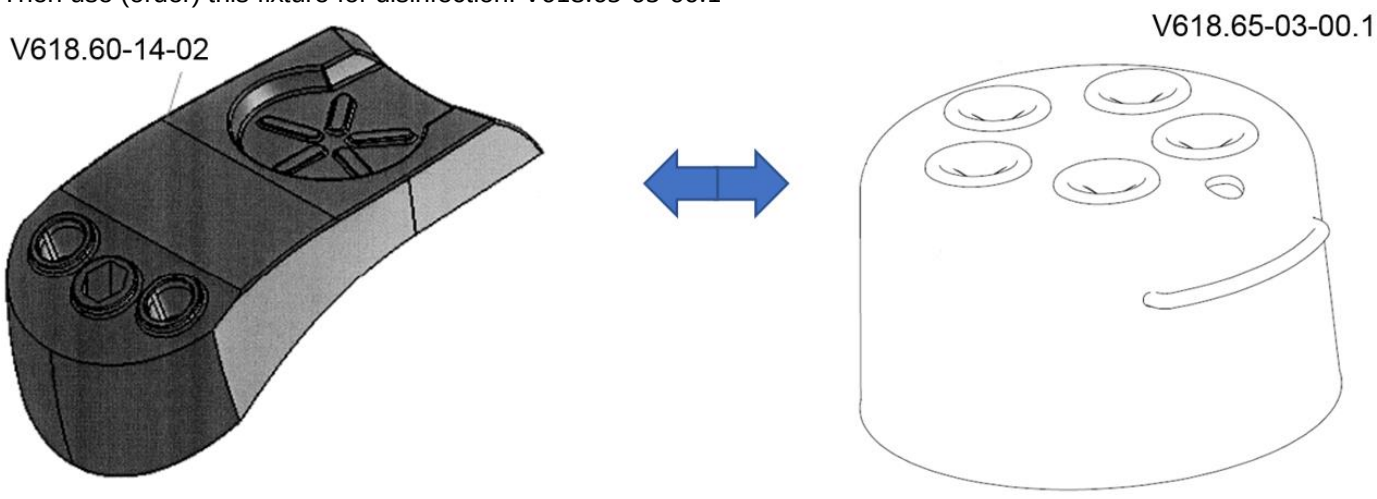


►SEMI-AUTOMATIC DISINFECTION ACCESSORY - V629.67-00-00.1

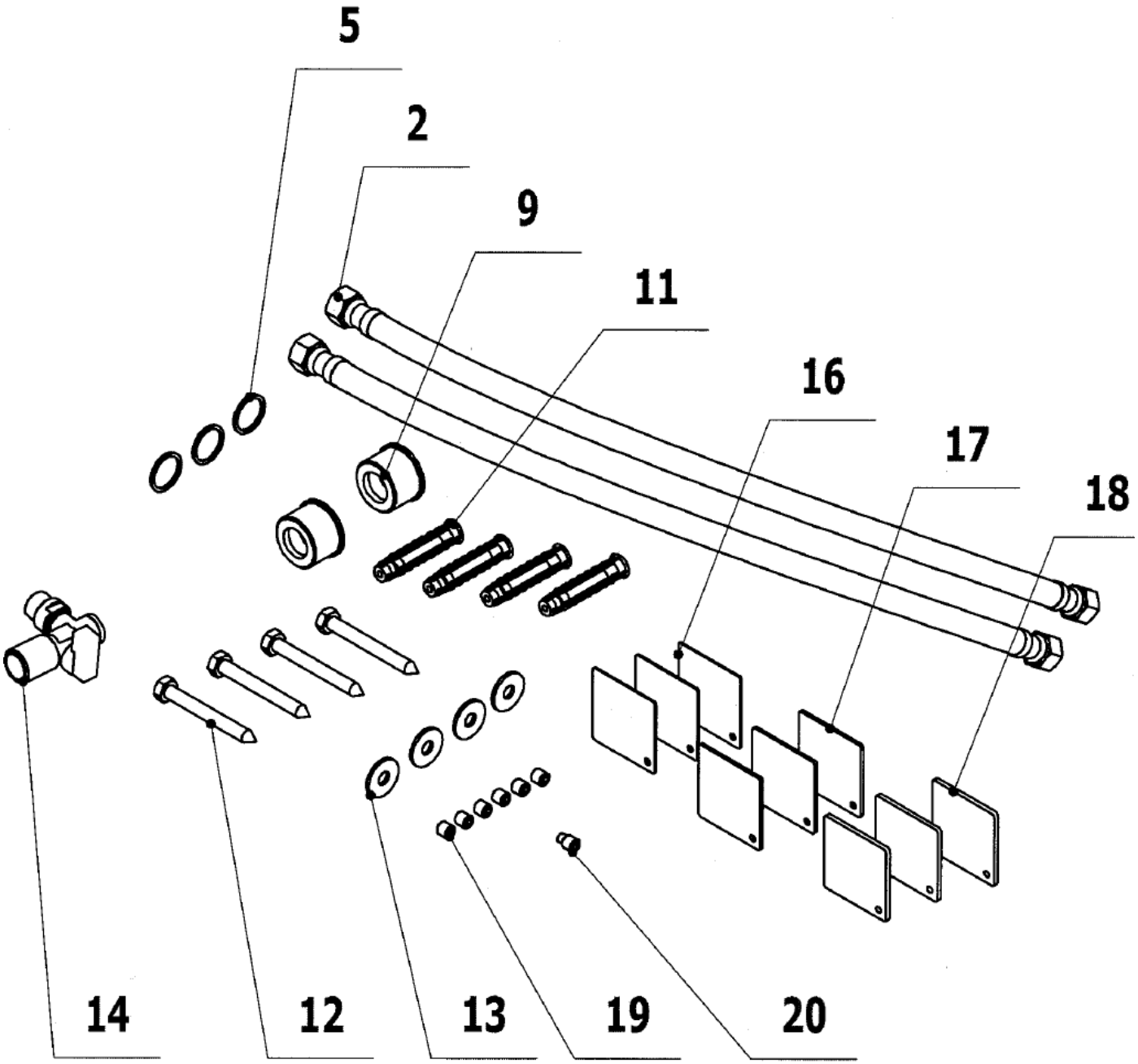


POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	ME563313.007	BOTTLE 0,75LS - FVG1	PC	1.00
002	ME321821.138	PLASTIC CAP FOR PET BOTTLES	PC	1.00
003	ME735010.009	FOIL SELF-ADHESIVE 4-606.65-00-20	PC	1.00
004	V618.65-03-00.3	FIXTURE FOR DISINFECTION OF INSTRUMENTS	PC	1.00
005	ME443000.111	ALPRON 1L	PC	1.00

If your unit is equipped with previous version of cup holder (see the picture below),
Then use (order) this fixture for disinfection: V618.65-03-00.1



►INSTALLATION PARTS - V624.56-00-00

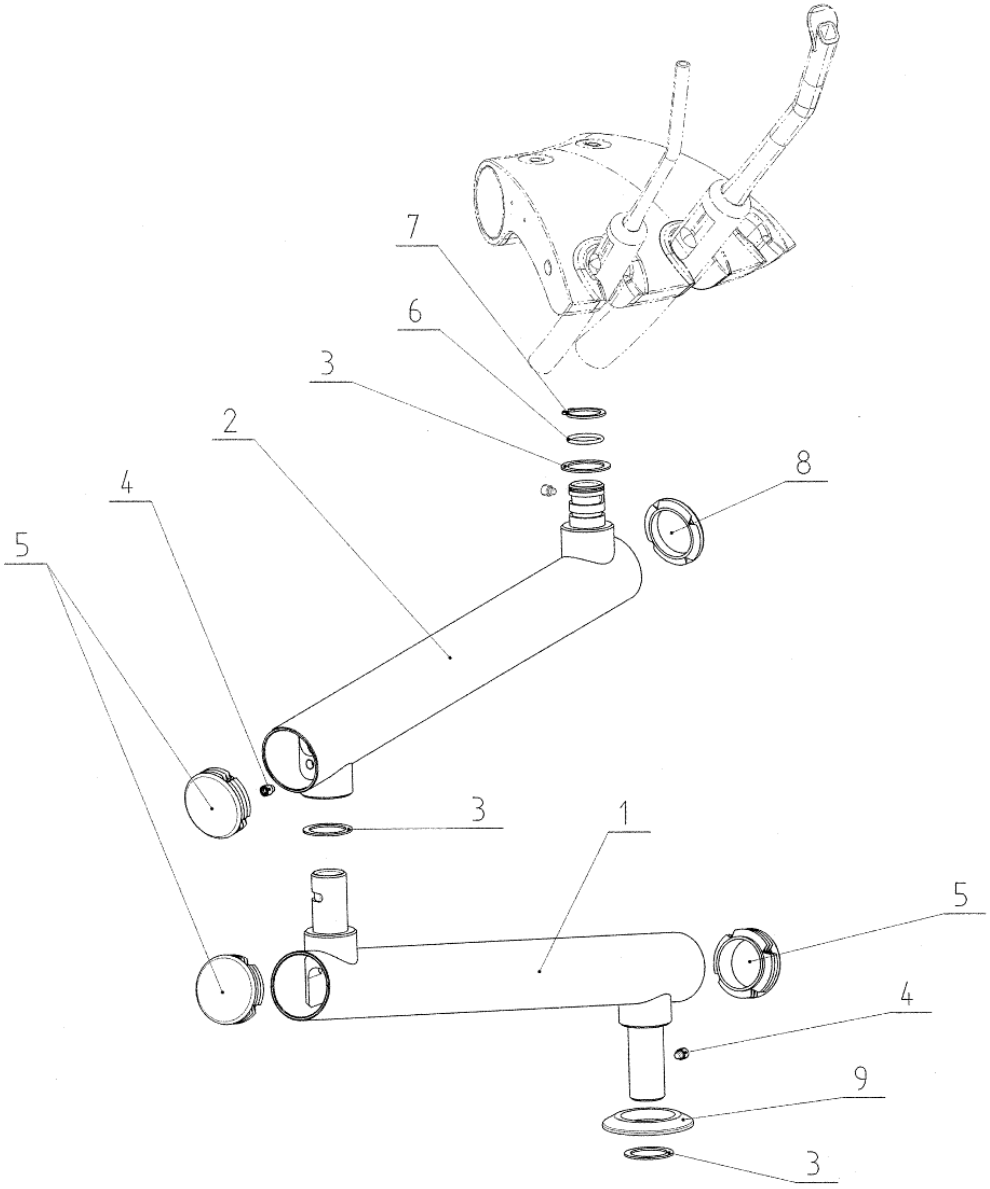


Pos.	Item no.	Product name	Unit	Quantity
002	ME286000.007	HOSE, FLEXIBLE, 40 CM, 3/8”X3/8” FF	PC	2.00
004	ME397800.015	CABLE TIE, F0301 CV-200	PC	2.00
005	ME273110.010	O RING, P19.6x2.3 NBR80	PC	3.00
009	V600.0-01-09	WASTE TAIL-PIECE	PC	2.00
011	ME562841.007	CLAMP, FISCHER SX12x60	PC	4.00
012	ME311411.004	THREADED FASTENER, M8X70	PC	4.00
013	ME311212.009	WASHER, P 8.4, BENEATH RIVET	PC	4.00
014	V628.60-31-00	ANGLE VALVE SET	PC	1.00
015	ME283811.023	BAG, PE 250X360	PC	1.00
016	V624.56-00-16.1	SHEET SPACER	PC	3.00
017	V624.56-00-16.2	SHEET SPACER	PC	3.00
018	V624.56-00-16.3	SHEET SPACER	PC	3.00
019	ME309287.019	SCREW M 8X8	PC	6,00
020	ME309287.015	SCREW M 8X12	PC	1,00

C - ASSISTANT'S CONSOLE ARM AND TABLE

C1 - Console arm and table

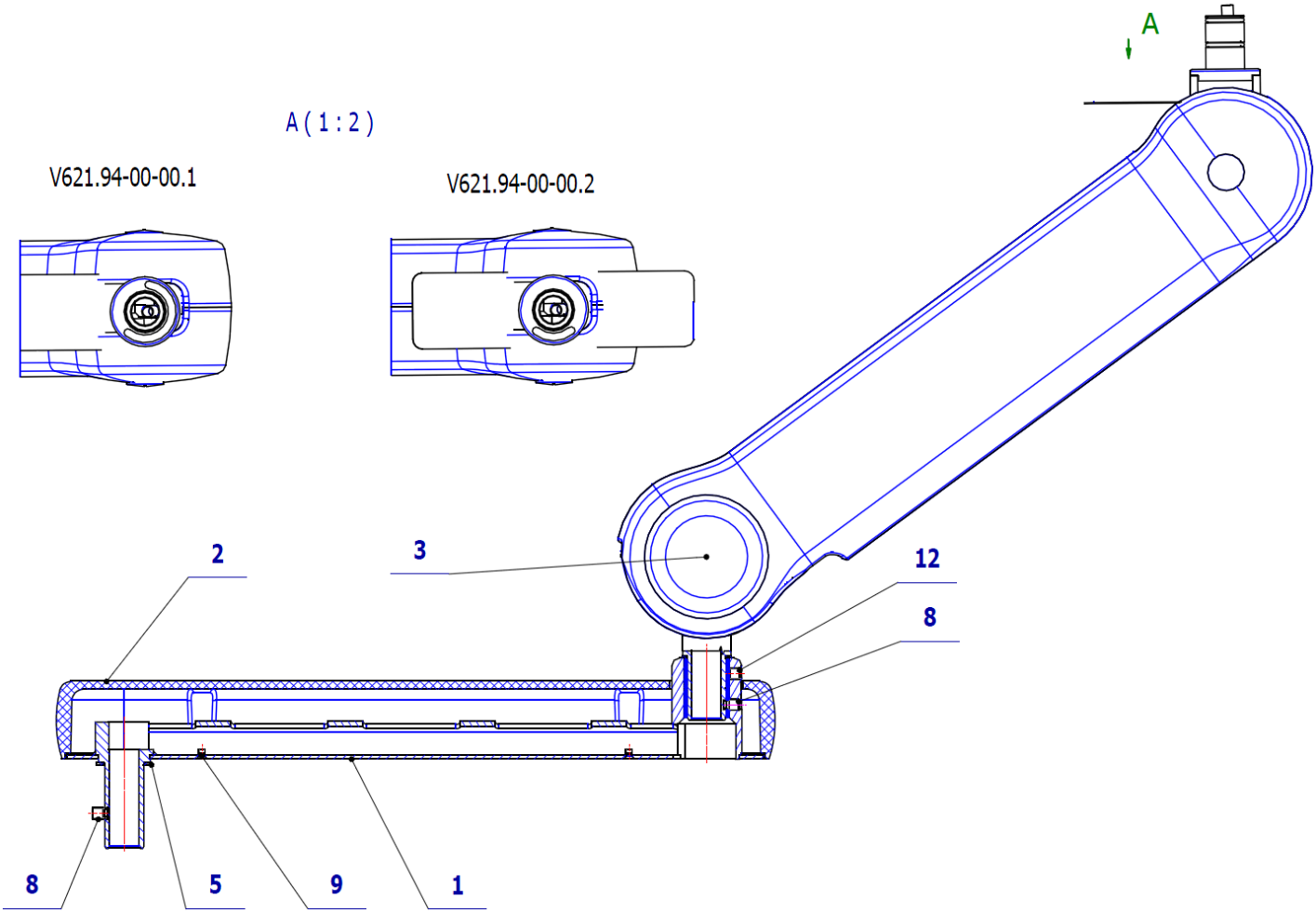
►ASSISTANT'S CONSOLE ARM, SIMPLE - V623.80-00-00 K-002



Pos.	Item no.	Product name	Unit	Quantity
001	V623.80-01-00	LOWER ARM / WHT1	PC	1.00
002	V623.80-02-00	UPPER ARM / WHT1	PC	1.00
003	V624.80-00-05	WASHER, PA 28-1	PC	3.00
004	ME309281.092	THREADED FASTENER, M 6X8	PC	3.00
005	ME321200.020	BLANK, SRL 40x1-3, WHITE	PC	3.00
006	ME273111.014	O RING, P 16X2	PC	1.00
007	ME311733.008	LOCK RING P 20	PC	1.00
008	V623.80-00-08	BLANK, SRL40x1-3, MODIFIED	PC	1.00
009	V623.80-00-09	RING / WHT1	PC	1.00
901	ME341419.005	WIRE, LiY 0.25 GN - 4126006S	M	4.00
902	ME341419.004	WIRE, LiY 0.25 YE - 4126005S	M	4.00
903	ME374060.010	HOUSING, NSG 25-2	PC	2.00
904	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	4.00
905	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00
906	ME272000.017	SPIRAL HOSE, 25 m, TYPE 1/5.0	M	0.30

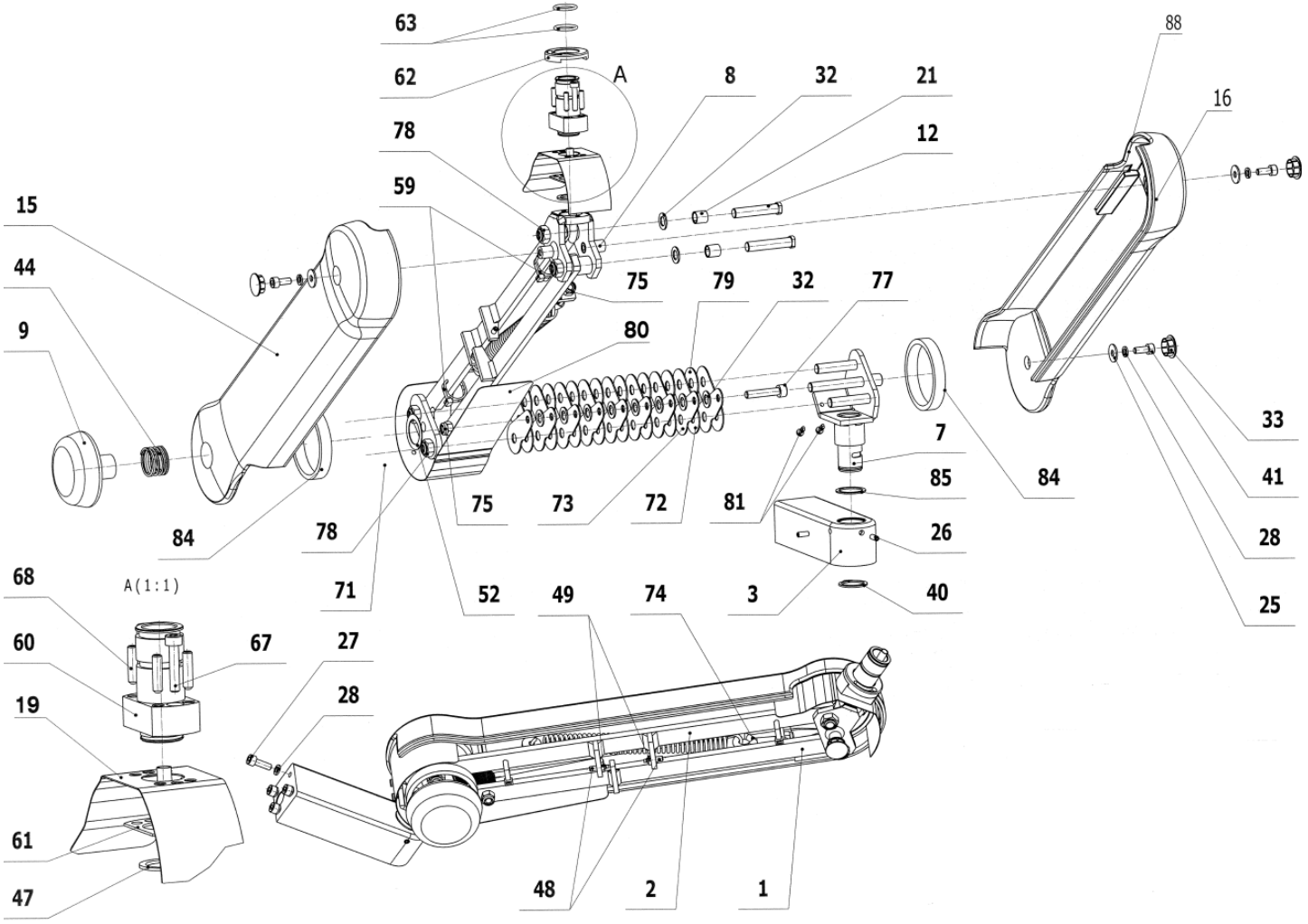
►ARTICULATED ASSISTANT'S CONSOLE ARM - RIGHT-HAND - V624.80-00-00.P K-002

(FULL only)



Pos.	Item no.	Product name	Unit	Quantity
001	V624.80-01-00.P	ROTATING CONSOLE ARM, RIGHT-SIDED / WHT1	PC	1.00
002	V624.80-02-00	ASSISTANT'S CONSOLE ARM COVER / WHT1	PC	1.00
003>>	**V621.94-00-00.1**	**ARTICULATED ASSISTANT'S CONSOLE ARM (for right-hand assistant's table)**	**PC**	**OPTION**
003>>	**V621.94-00-00.2**	**ARTICULATED ASSISTANT'S CONSOLE ARM (for left-hand assistant's table)**	**PC**	**OPTION**
005	V624.80-00-05	WASHER, PA 28-1	PC	1.00
008	ME309281.092	THREADED FASTENER, M 6X8	PC	2.00
009	ME309543.109	THREADED FASTENER, M 3X5	PC	4.00
012	ME309287.017	THREADED FASTENER, M 6X6	PC	1.00

>>ARTICULATED ASSISTANT'S CONSOLE ARM - V621.94-00-00.1, 2

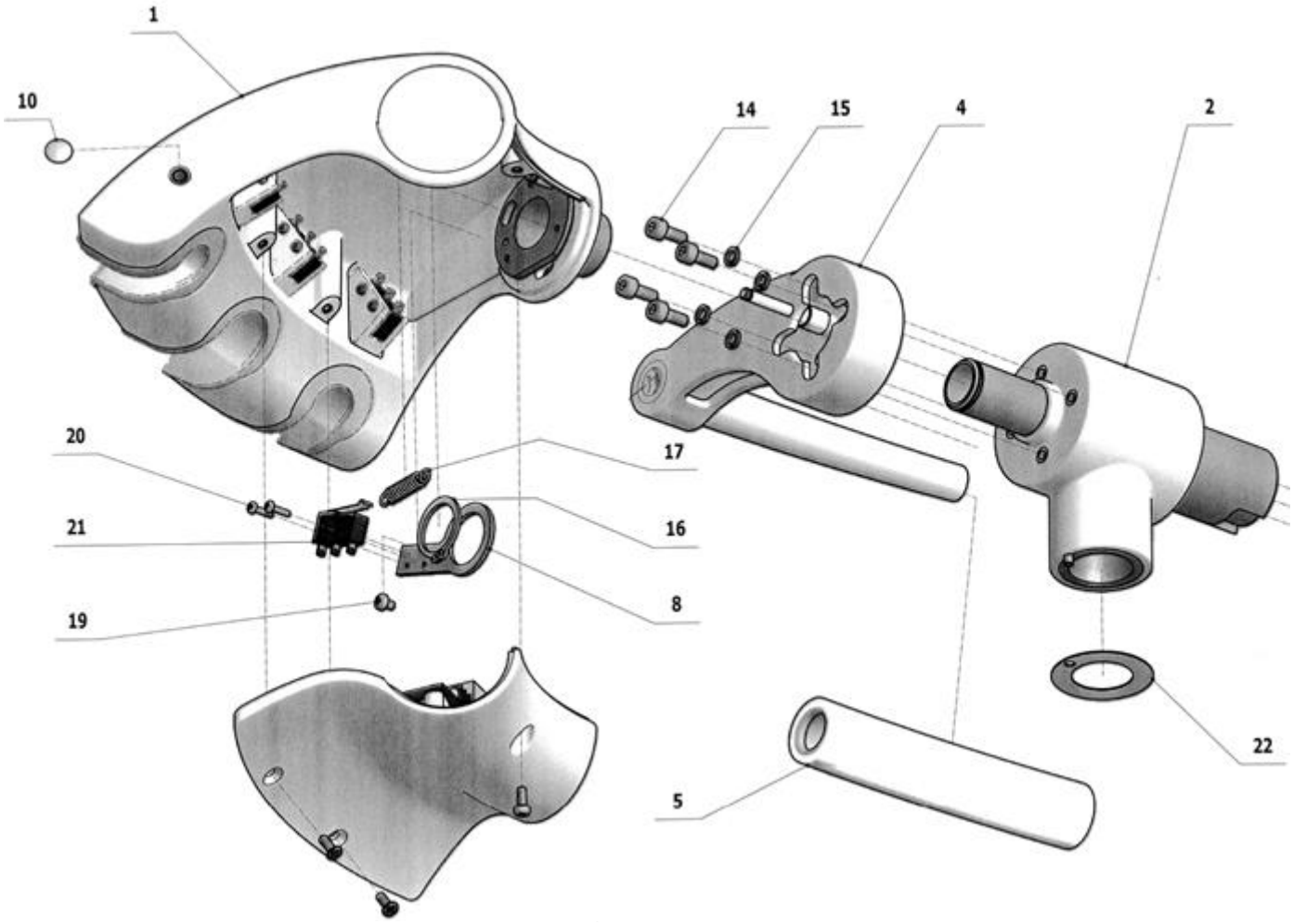


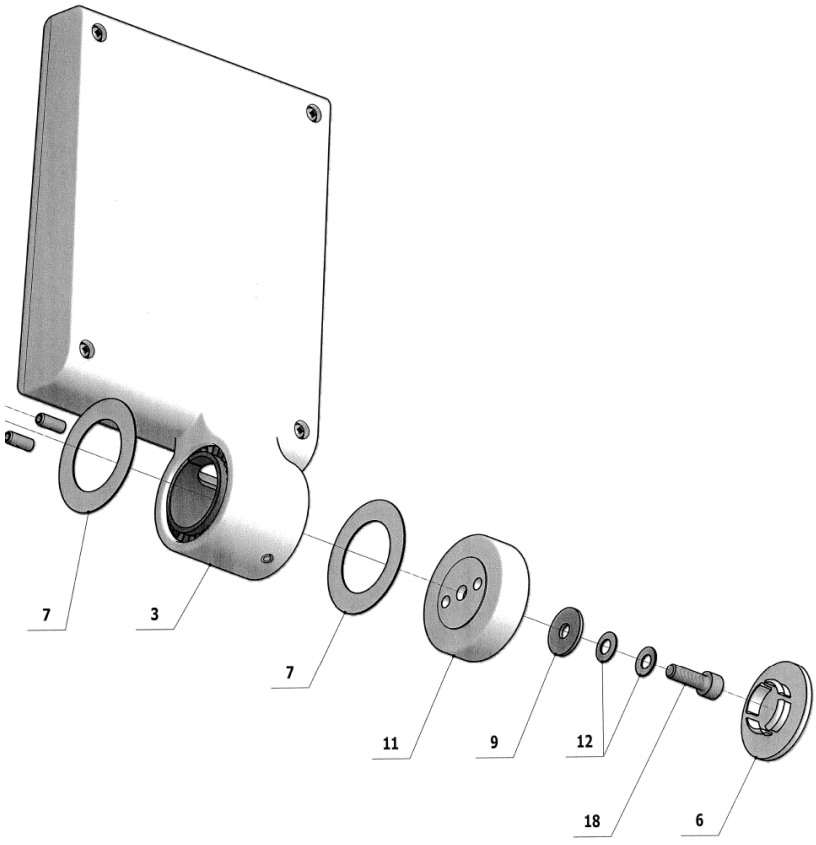
Pos.	Item no.	Product name	Unit	Quantity
001	V621.94-01-00	UPPER ARM	PC	1.00
002	V621.94-02-00	UPPER ARM CLAMP	PC	1.00
007	V624.80-07-00	JOINT - 4 / WHT1	PC	1.00
008	V618.81-11-00	JOINT 3 / WHT1	PC	1.00
009	V618.81-13-01.2	CONTROL WHEEL / WHT1	PC	1.00
012	V618.87-00-12	THREADED STUD	PC	2.00
015	V618.81-00-15.A	COVER 2-1 / WHT1	PC	1.00
016	V618.81-00-16	COVER 2-2 / WHT1	PC	1.00
019	V618.81-00-19	COVER STRIP 1	PC	1.00
021	ME323000.012	SLEEVE, B10-0808KU	PC	4.00
024	ME311214.037	WASHER, P 5	PC	3.00
025	ME311210.044	WASHER, P 5	PC	3.00
032	ME273114.021	FRICTION WASHER, 8x14x1 POLY AMIDE	PC	20.00
033	V618.81-00-33	COVER PLUG / WHT1	PC	3.00
038	ME311732.007	LOCK RING P 7	PC	2.00
041	ME309543.080	THREADED FASTENER, M 5X12	PC	3.00
044	ME315000.115	COMPRESSION SPRING, 1.6x21x22	PC	1.00
047	ME311733.007	LOCK RING P 18	PC	1.00
048	ME309287.024	THREADED FASTENER, M 4X16	PC	2.00
049	ME311180.015	NUT, M 4	PC	2.00

052	V618.81-00-19.1	SPACING WASHER	PC	1.00
059	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00
060	V618.81-00-21.1	ADJUSTABLE STUD / WHT1	PC	1.00
061	V618.81-00-45.1	PLASTIC STOP	PC	1.00
062	V618.81-00-62.4	STOP RING / WHT1	PC	1.00
063	ME273111.014	O RING, P 16X2	PC	2.00
067	ME309543.130	THREADED FASTENER, M 4X18	PC	2.00
068	ME309543.131	THREADED FASTENER, M 4X16	PC	4.00
071	V618.87-00-71	COMPRESSION DISK	PC	1.00
072	V618.87-00-72	CONNECTING FIN	PC	9.00
073	V618.87-00-73	SHAPED FIN	PC	8.00
074	ME354330.002	CLIP RING, M6x30	PC	1.00
075	ME311120.084	NUT, M6	PC	2.00
076	ME315000.109	EXTENSION SPRING	PC	1.00
077	ME309543.085	THREADED FASTENER, M 6X30	PC	1.00
078	ME311120.031	NUT, M 8	PC	2.00
079	V621.94-00-79	FINNED WASHER	PC	10.00
080	V621.94-00-80	LOWER STRIP	PC	1.00
081	ME321200.018	TREE-CLIP, PA	PC	2.00
082	ME283362.030	PVC INSULATING SLEEVE, 6X0.5 BROWN	M	0.15
084	V621.94-00-84	RING	PC	2.00
085	V621.94-00-85	WASHER	PC	1.00

► LEFT-HAND ASSISTANT'S TABLE WITH KEYPAD V618.82-00-00.F K-005

(for right-handed users, the handle has no buttons, installed with manually-adjusted articulated arms)



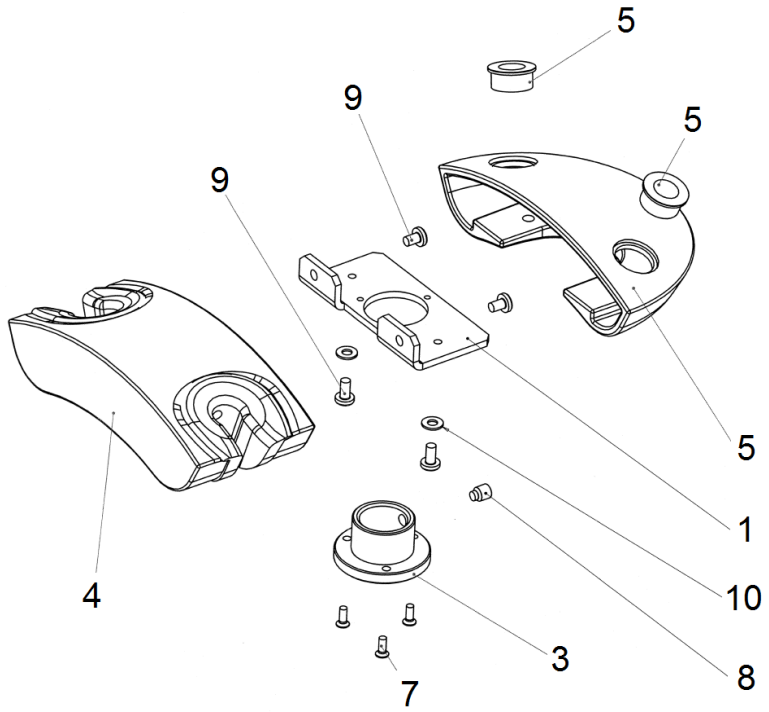




Pos.	Item no.	Product name	Unit	Quantity
001>>	V618.82-01-00.1	ASSISTANT'S TABLE, LEFT-HAND	PC	1.00
002	V618.82-02-00.3	ASSISTANT'S TABLE CONSOLE, COMPLETE / WHT1	PC	1.00
003>>	V618.82-30-00	ASSISTANT'S DISPLAY WITH KEYPAD, LEFT-HAND	PC	1.00
004	V621.82-04-00	ASSISTANT'S HANDLE, LEFT, COMPLETE / WHT1	PC	1.00
005	ME321822.079	HANDLE COVER, RP 71991/60U white	PC	1.00
006	ME321822.052	ASSISTANT'S TABLE COVER	PC	1.00
007	V618.82-00-07	FRICTION WASHER	PC	2.00
008	V618.82-00-08	MINISWITCH CONSOLE	PC	1.00
009	ME311210.027	WASHER, P 6.4	PC	1.00
010	ME321000.114	ECCENTRIC COVER, WHITE	PC	1.00
011	V618.82-00-11	COMPRESSION RING / WHT1	PC	1.00
012	ME315000.117	FLAT SPRING, TP125x062x050x085	PC	2.00
014	ME309543.105	THREADED FASTENER, M 4X10	PC	4.00
015	ME311214.025	WASHER, P 4	PC	4.00
016	ME311733.007	LOCK RING P 18	PC	1.00
017	ME315000.107	EXTENSION SPRING	PC	1.00
018	ME309543.124	THREADED FASTENER, M 6X18	PC	1.00
019	ME309255.081	THREADED FASTENER, M 3X4	PC	1.00
020	ME309251.101	THREADED FASTENER, M 2X8	PC	2.00
021	ME374415.031	MICRO SWITCH, OMRON SS-5GL 13	PC	1.00
022	V618.82-00-22	TABLE BASE	PC	1.00
901	ME374000.329	ARMS3-V5 MODULE	PC	1.00
902	V631.80-91-01	ELECTRICAL INSTALLATION, BPSS LUX	PC	1.00
903	V629.82-91-02	CABLE, C1 ARMS	PC	1.00
904	V623.80-91-02	WIRE, GNYE	PC	1.00
905	ME283362.054	PVC INSULATING SLEEVE, 10X0.5, BLACK	M	0.06

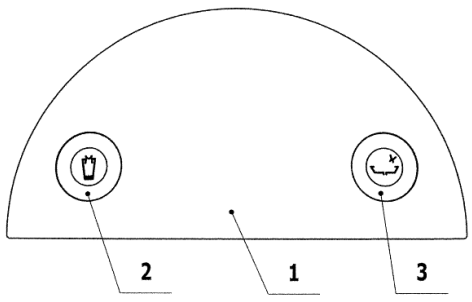
► BASIC ASSISTANT'S TABLE - V618.82-00-00.Q K-006

(2-slot holder for DA270 and DA280)



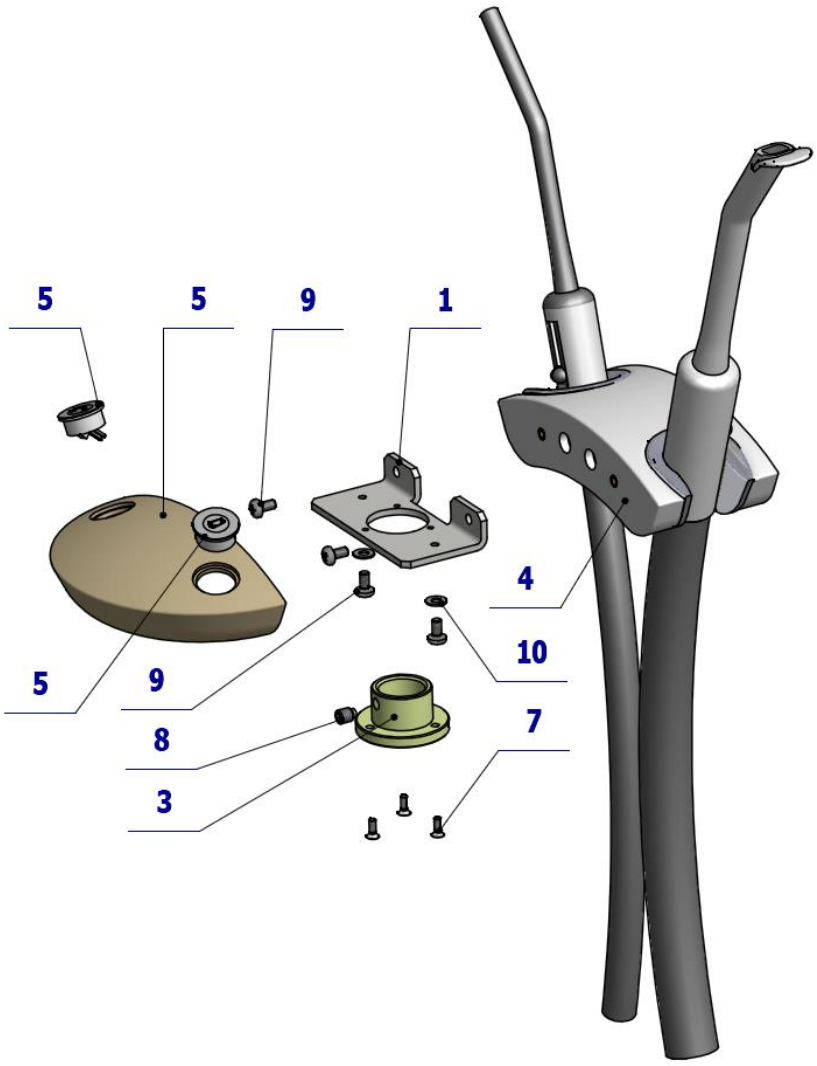
Pos.	Item no.	Product name	Unit	Quantity
001	V618.82-00-01	HOLDER FOR ADD-ON MODULE	PC	1.00
003	V618.82-00-03	MODULE HOLDER SLEEVE	PC	1.00
004>>	V618.83-00-00	ADD-ON MODULE	PC	1.00
005>>	V618.82-05-00	BUTTONS + COVER / WHT1	PC	1.00
007	ME309251.078	THREADED FASTENER, M 3X8	PC	3.00
008	ME309281.092	THREADED FASTENER, M 6X8	PC	1.00
009	ME309543.068	THREADED FASTENER, M 4X8	PC	4.00
010	ME311210.028	WASHER, P 4.3	PC	2.00
901	ME341419.005	WIRE, LiY 0.25 GN - 4126006S	M	1.40
902	ME341419.004	WIRE, LiY 0.25 YE - 4126005S	M	1.40
903	ME374060.010	HOUSING, NSG 25-2	PC	2.00
904	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	4.00
905	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00
906	ME272000.017	SPIRAL HOSE, 25 m, TYPE 1/5.0	M	0.30

>>BUTTONS + COVER - V618.82-05-00



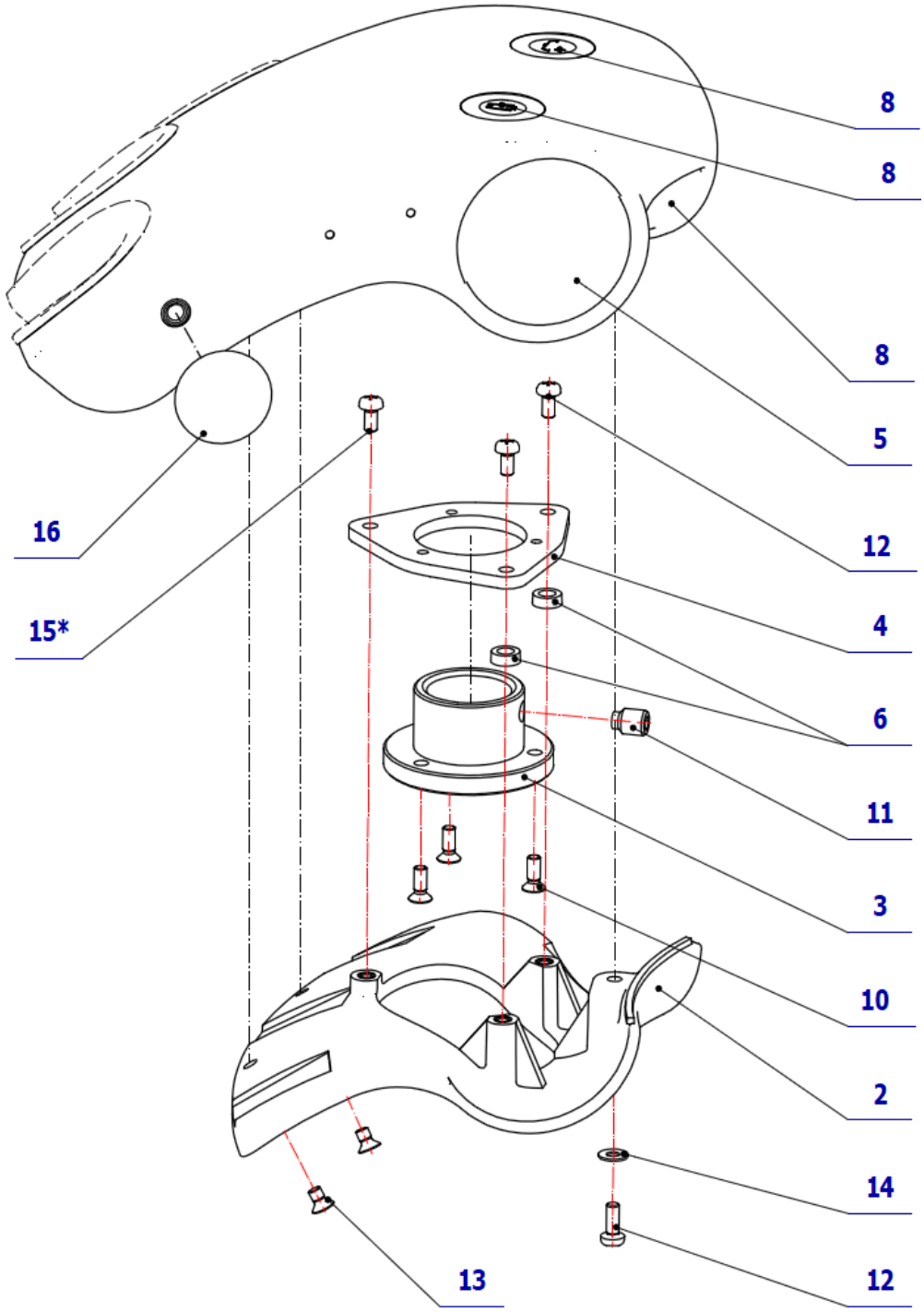
Pos.	Item no.	Product name	Unit	Quantity
001	V618.82-00-02.A	MODULE HOLDER COVER	PC	1.00
002	V618.82-17-00	CUP BUTTON	PC	1.00
003	V618.82-16-00	RINSE BUTTON	PC	1.00

►BASIC ASSISTANT'S TABLE WITH LARGE AND SMALL ASPIRATORS - V618.82-00-00.R K-002



Pos.	Item no.	Product name	Unit	Quantity
001	V618.82-00-01	HOLDER FOR ADD-ON MODULE	PC	1.00
003	V618.82-00-03	MODULE HOLDER SLEEVE	PC	1.00
004>>	V618.83-00-00.1	MODULE ACCESSORY FOR LARGE AND SMALL ASPIRATORS	PC	1.00
005>>	V618.82-05-00	BUTTONS + COVER / WHT1	PC	1.00
007	ME309251.078	THREADED FASTENER, M 3X8	PC	3.00
008	ME309281.092	THREADED FASTENER, M 6X8	PC	1.00
009	ME309543.068	THREADED FASTENER, M 4X8	PC	4.00
010	ME311210.028	WASHER, P 4.3	PC	2.00
901	ME341413.069	CABLE, LiYY 3X0.25	M	1.60
902	ME341419.005	WIRE, LiY 0.25 GN - 4126006S	M	0.10
904	ME343421.011	PVC INSULATING SLEEVE, 2.5X0.5, BLACK	M	0.03
905	V400.01-00-21	LABEL, SB1	PC	1.00
906	V400.01-01-30	LABEL, SB2	PC	1.00
911	ME341419.005	WIRE, LiY 0.25 GN - 4126006S	M	3.20
912	ME341419.004	WIRE, LiY 0.25 YE - 4126005S	M	3.20
913	ME374060.010	HOUSING, NSG 25-2	PC	2.00
914	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	4.00
915	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00

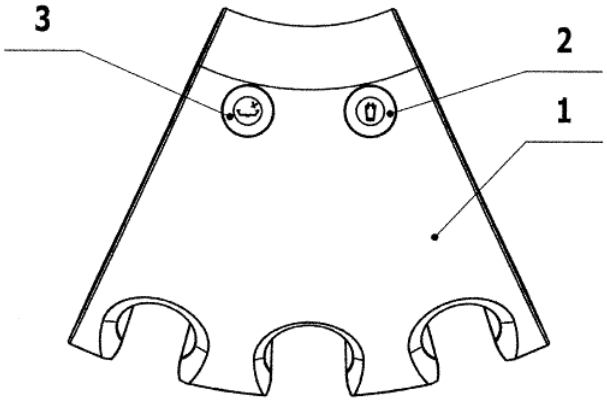
EXPANDED ASSISTANT'S TABLE - V618.82-01-00.A K-006



Pos.	Item no.	Product name	Unit	Quantity
002	V618.82-19-00.0	EXPANDED ASSISTANT'S TRAY - MODIFIED / WHT1	PC	1.00
003	V618.82-00-03	MODULE HOLDER SLEEVE	PC	1.00
004	V618.82-01-04.0	CONSOLE BUSHING	PC	1.00
005	ME321822.052	ASSISTANT'S TABLE COVER	PC	2.00
008>>	V618.82-08-00	BUTTONS + COVER / WHT1	PC	1.00
010	ME309251.078	THREADED FASTENER, M 3X8	PC	3.00
011	ME309281.092	THREADED FASTENER, M 6X8	PC	1.00
012	ME309255.052	THREADED FASTENER, M 3X10	PC	3.00
013	ME309543.109	THREADED FASTENER, M 3X5	PC	2.00
014	ME311210.040	WASHER, P 3.2	PC	1.00
015	ME309255.051	THREADED FASTENER, M 3X6	PC	1.00
016	ME321000.114	ECCENTRIC COVER, WHITE	PC	2.00

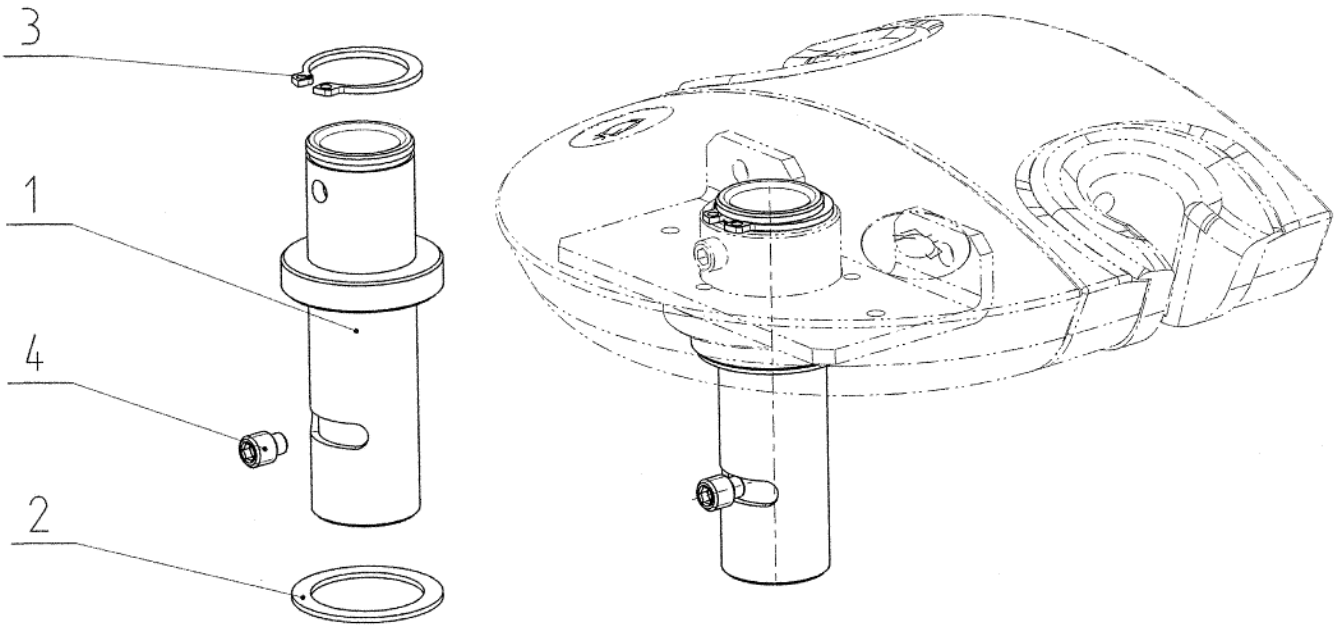
018	ME247000.031	WEICONLOCK AN302-43 50 ml	ml	
901	ME341419.005	WIRE, LiY 0.25 GN - 4126006S	M	3.30
902	ME341419.004	WIRE, LiY 0.25 YE - 4126005S	M	3.20
903	ME374060.010	HOUSING, NSG 25-2	PC	2.00
904	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	4.00
905	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00
906	ME272000.017	SPIRAL HOSE, 25 m, TYPE 1/5.0	M	0.30

>>BUTTONS + COVER - V618.82-08-00



Pos.	Item no.	Product name	Unit	Quantity
001	V618.82-18-00.A	ASSISTANT'S TOP TABLE - EXPANDED / WHT1	PC	1.00
002	V618.82-17-00	CUP BUTTON	PC	1.00
003	V618.82-16-00	RINSE BUTTON	PC	1.00

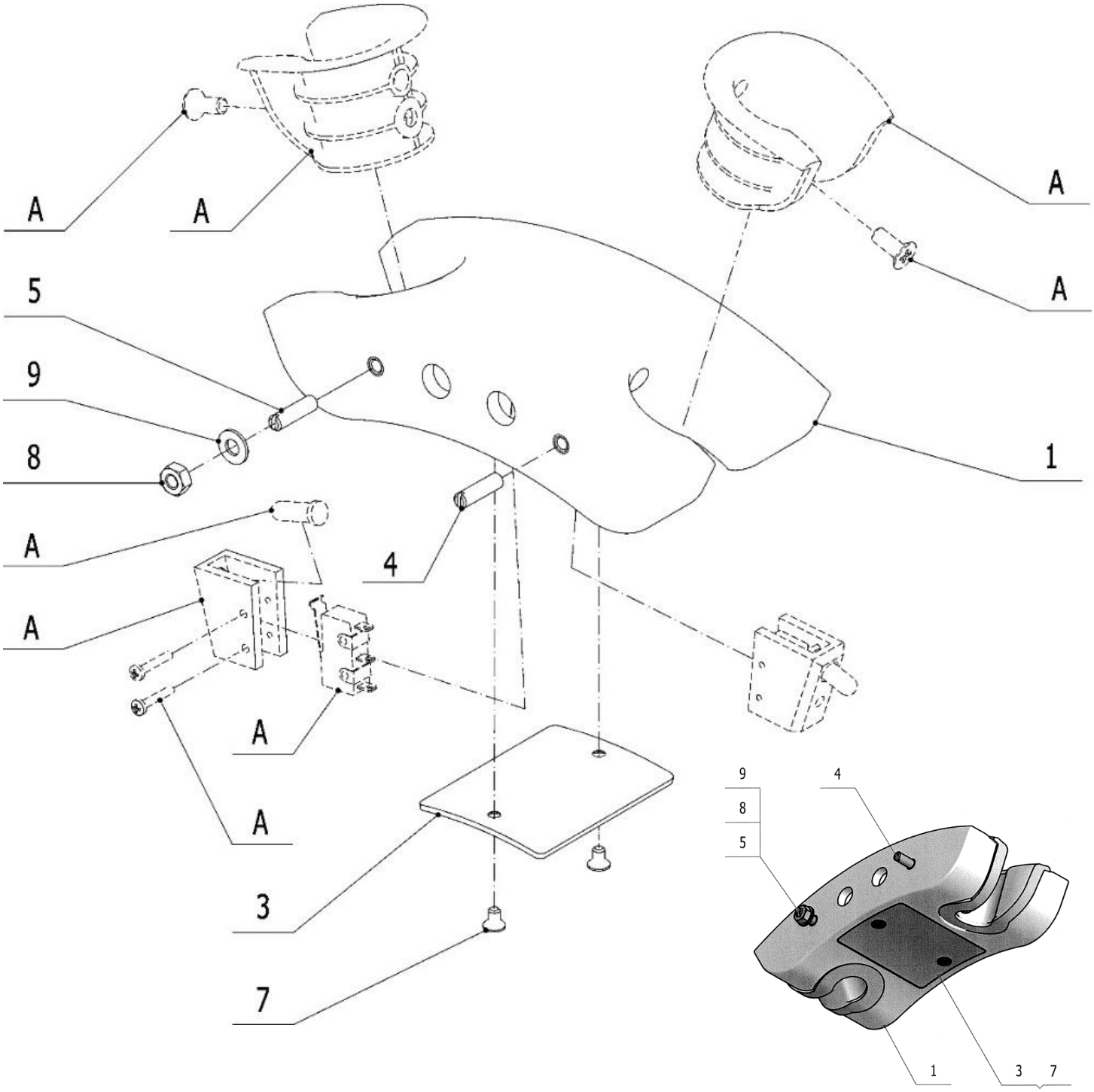
ASSISTANT'S TABLE ACCESSORY - V623.82-00-00.1



Pos.	Item no.	Product name	Unit	Quantity
001	V623.82-00-01	STUD / WHT1	PC	1.00
002	V624.80-00-05	WASHER, PA 28-1	PC	1.00
003	ME311733.008	LOCK RING P 20	PC	1.00
004	ME309281.092	THREADED FASTENER, M 6X8	PC	1.00

►ADD-ON MODULE – V618.83-00-00

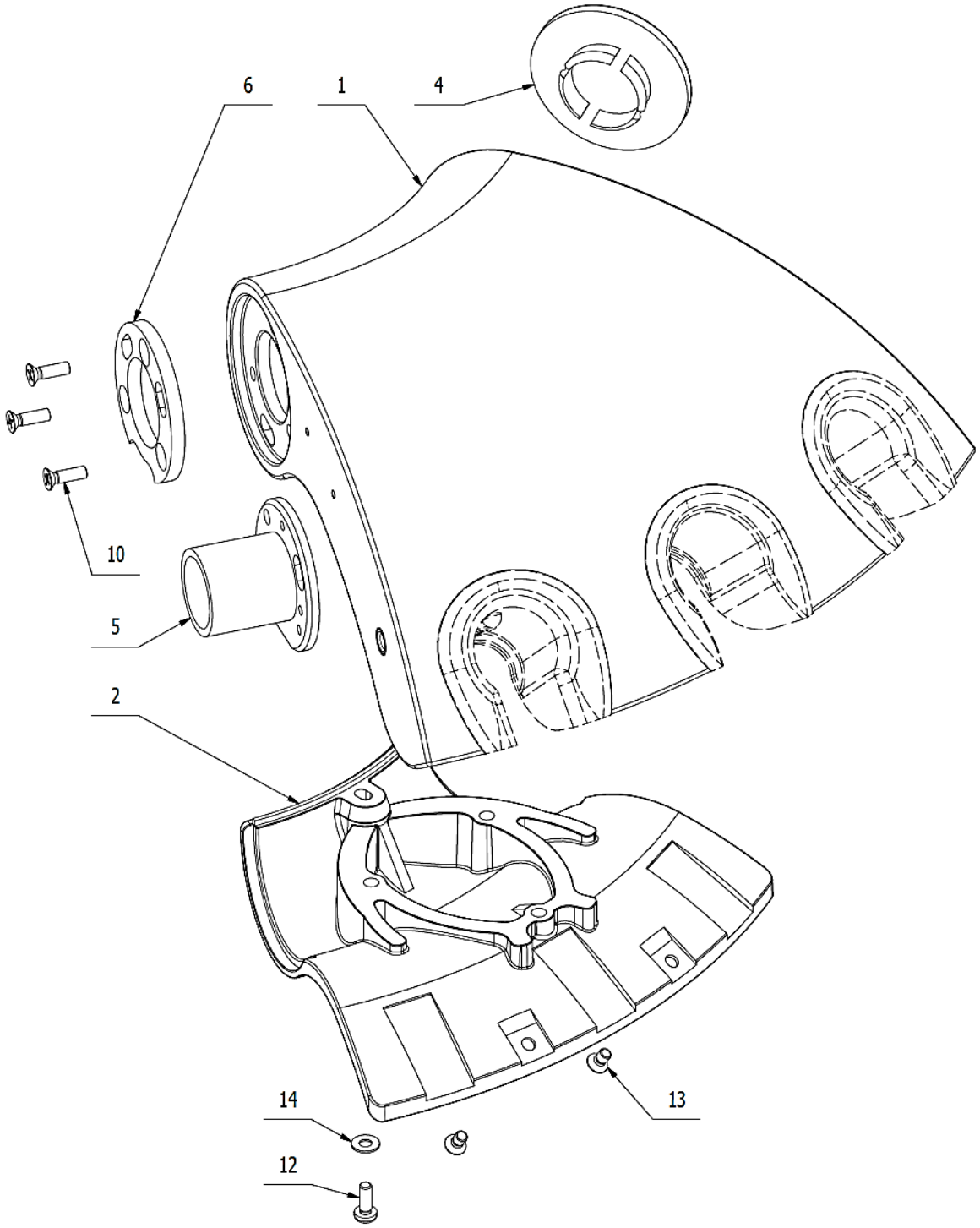
(compatible with all instruments except the LARGE ASPIRATOR)



Note: Positions labelled with “A” are part of the individual accessories for the assistant's table.

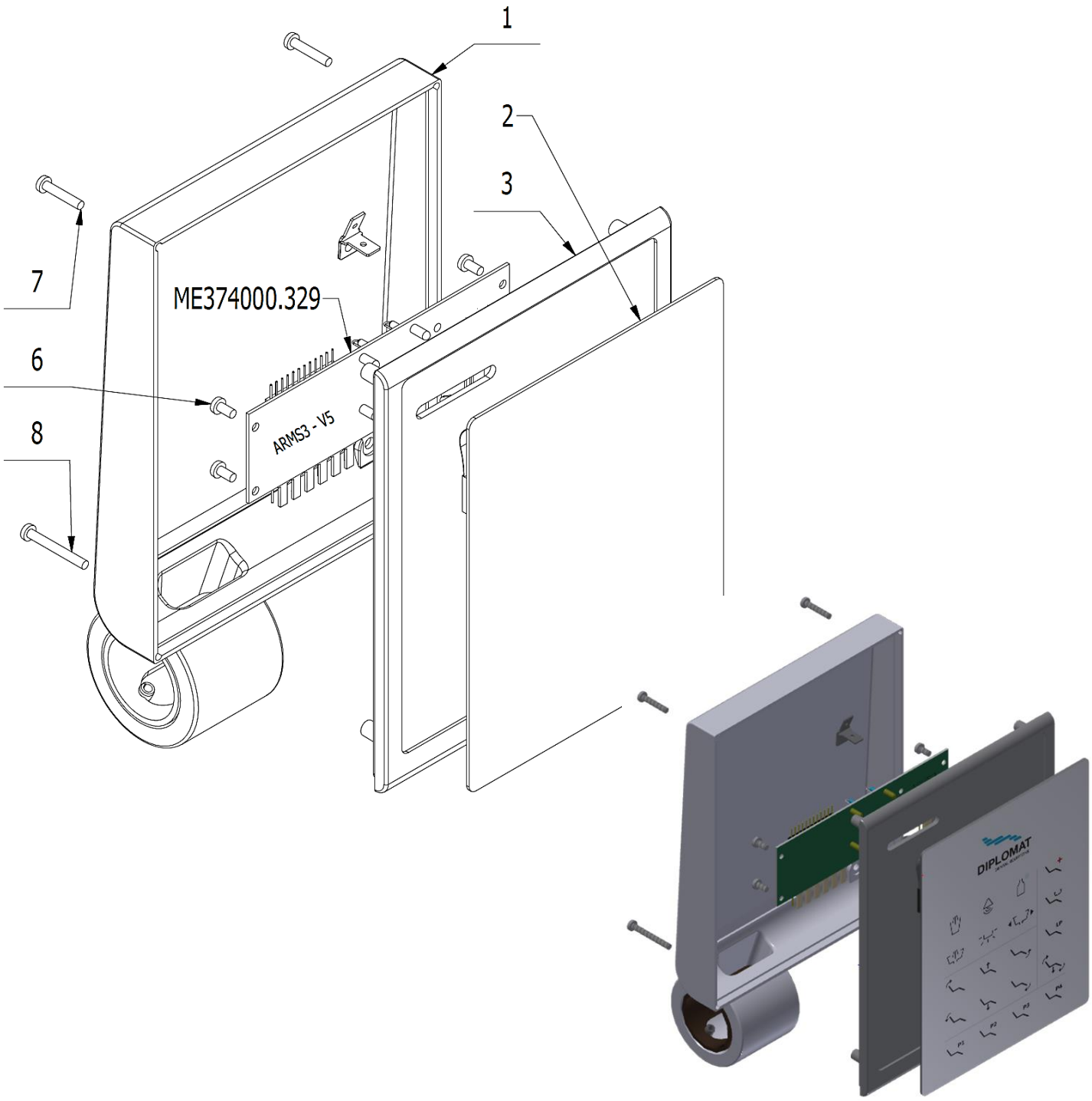
Pos.	Item no.	Product name	Unit	Quantity
001	V618.83-01-00	ADD-ON MODULE	PC	1.00
003	V618.83-00-03.S	MODULE COVER	PC	1.00
004	V618.83-00-04	FITTED STUD	PC	1.00
005	ME309280.001	THREADED FASTENER, M 4x16	PC	1.00
007	ME309543.109	THREADED FASTENER, M 3X5	PC	2.00
008	ME311180.015	NUT, M 4	PC	1.00
009	ME311210.037	WASHER, P 4.3	PC	1.00

>>ASSISTANT'S TABLE, LEFT-HAND - V618.82-01-00.1



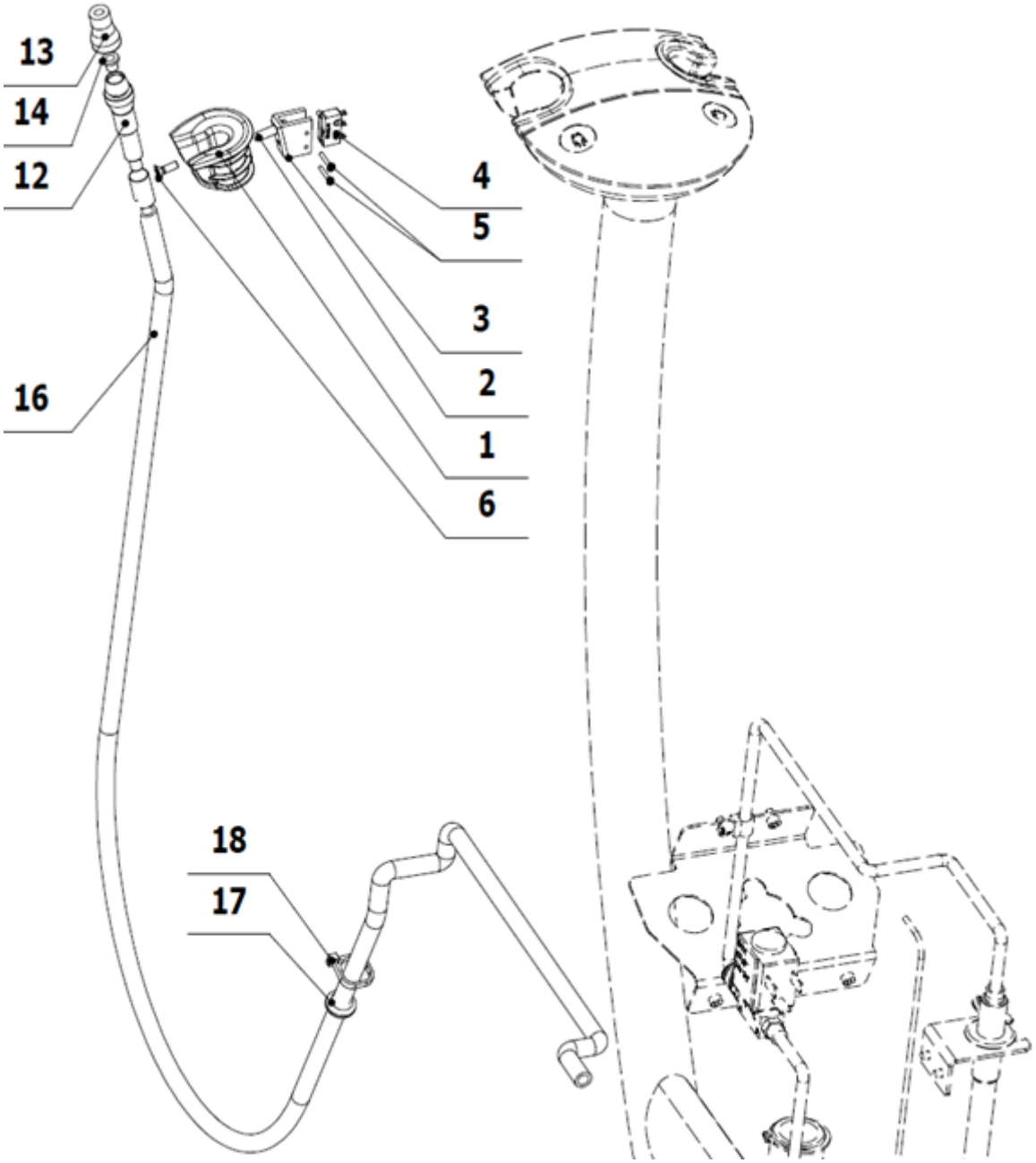
Pos.	Item no.	Product name	Unit	Quantity
001	V618.82-18-00.2	ASSISTANT'S TOP TABLE, RIGHT / WHT1	PC	1.00
002	V618.82-19-00	ASSISTANT'S BOTTOM TABLE / WHT1	PC	1.00
004	ME321822.052	ASSISTANT'S TABLE COVER	PC	1.00
005	V618.82-21-00	TABLE FLANGE - COMPLETE	PC	1.00
006	ME321822.063	TABLE RING	PC	1.00
010	ME309251.094	THREADED FASTENER, M 3X10	PC	3.00
012	ME309255.036	THREADED FASTENER, M 3X8	PC	1.00
013	ME309543.109	THREADED FASTENER, M 3X5	PC	2.00
014	ME311210.040	WASHER, P 3.2	PC	1.00

>>ASSISTANT'S DISPLAY WITH KEYPAD, LEFT-HAND - V618.82-30-00 K-005



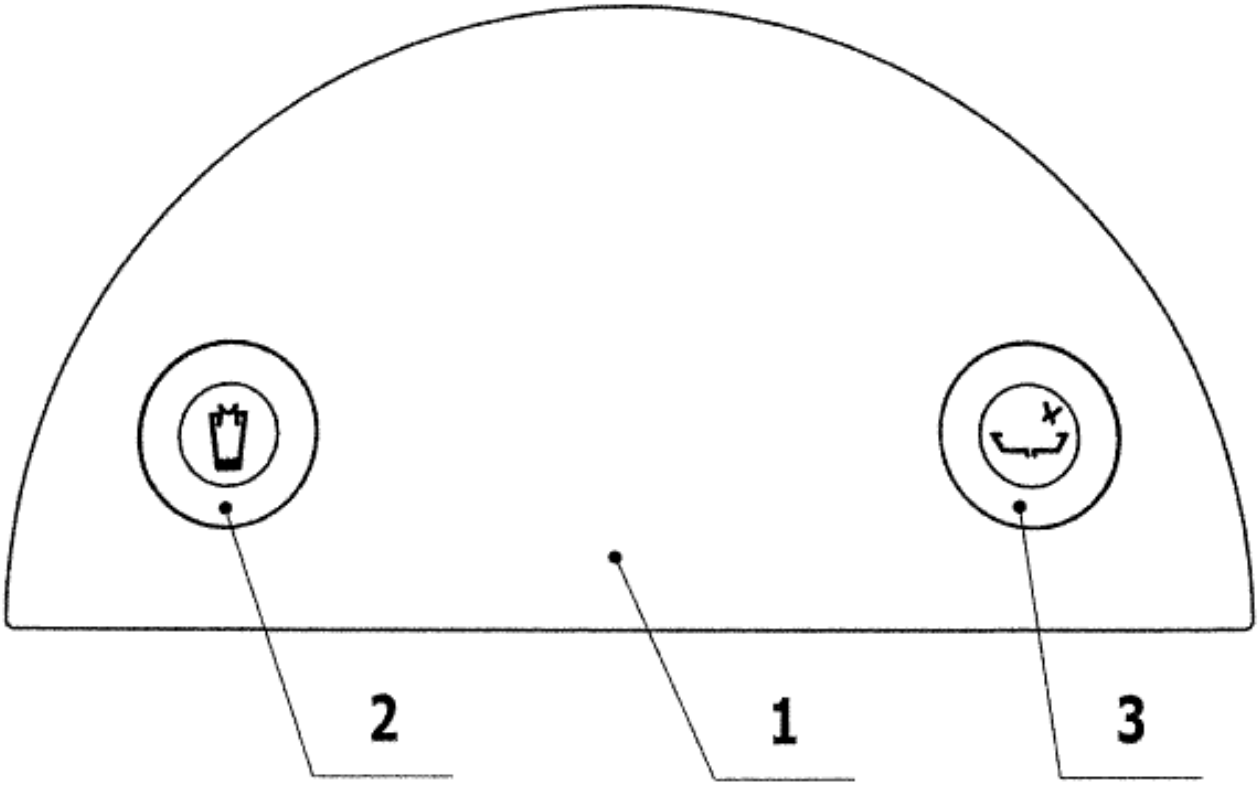
Pos.	Item no.	Product name	Unit	Quantity
001	V618.82-20-00.1	ASSISTANT'S DISPLAY WITH KEYPAD, LEFT-HAND, COMPLETE / WHT1	PC	1,00
002	ME735552.189	ASSISTANT'S LUX KEYPAD, HT 4954	PC	1,00
003	V618.82-03-03.2	KEYPAD COVER / WHT1	PC	1,00
006	ME309285.070	THREADED FASTENER, P 3X6 ECO SYN	PC	4,00
007	ME309285.036	THREADED FASTENER, P 3X16 ECO SYN	PC	2,00
008	ME309285.071	THREADED FASTENER, P 3X25 ECO SYN	PC	2,00

►SALIVA EJECTION MODULE ACCESSORY - V618.80-00-00 (for 2-SLOT HOLDER)



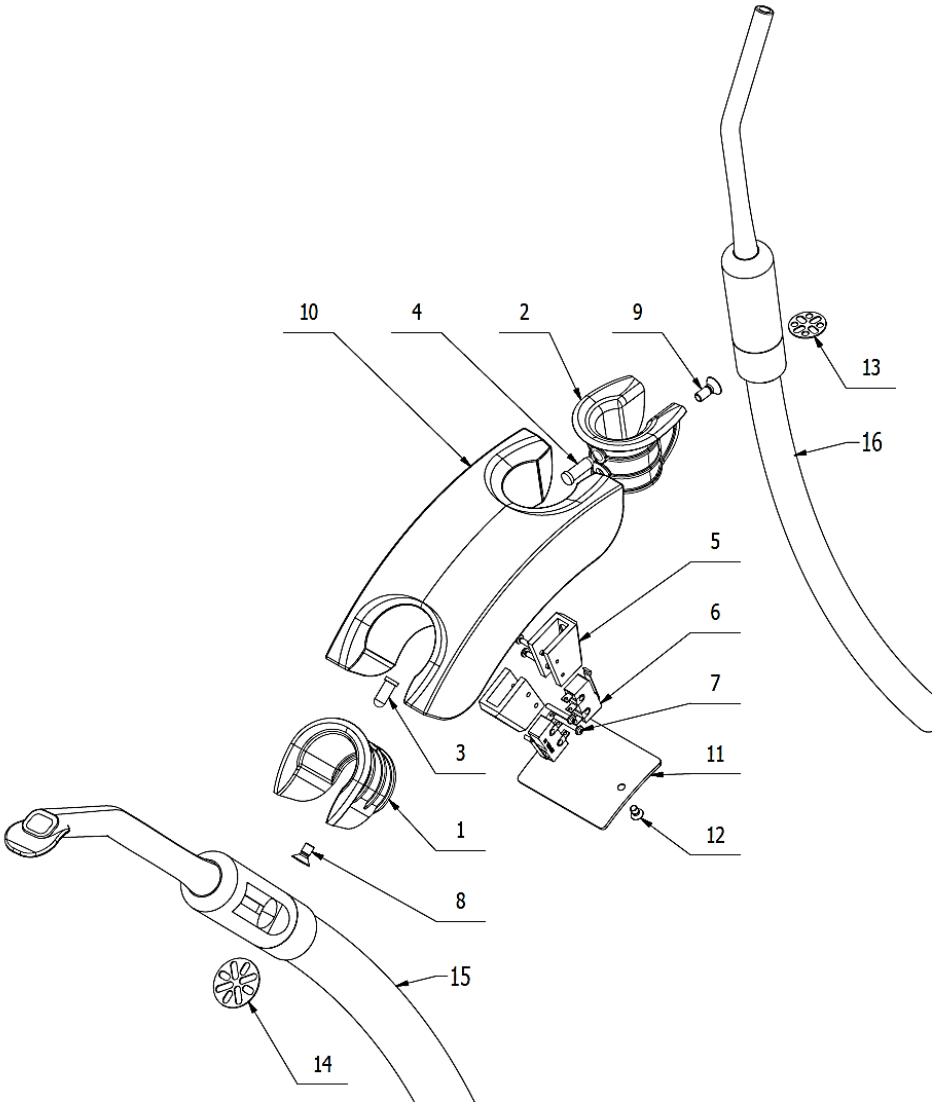
Pos.	Item no.	Product name	Unit	Quantity
001	V618.80-00-01	SALIVA EJECTOR BUSHING	PC	1.00
002	V618.80-00-02	SALIVA EJECTOR PIN FOR MODULE AND LARGE ASPIRATOR	PC	1.00
003	ME321822.062	MICRO SWITCH HOLDER	PC	1.00
004	ME374415.031	MICRO SWITCH, OMRON SS-5GL 13	PC	1.00
005	ME309255.082	THREADED FASTENER, M 2X14	PC	2.00
006	ME309251.073	THREADED FASTENER, M 4X12	PC	1.00
012	ME283367.071	SALIVA EJECTOR TAIL-PIECE	PC	1.00
013	ME321822.020	SALIVA EJECTOR TIP, 608.63-00-13	PC	1.00
014	ME321822.023	SALIVA EJECTOR SCREEN	PC	2.00
016	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	2.02
017	ME273121.041	BUSHING, TYPE F2, 9X1.5	PC	1.00
018	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1.00

>>KEYPAD + COVER ACCESSORY - V618.82-05-00



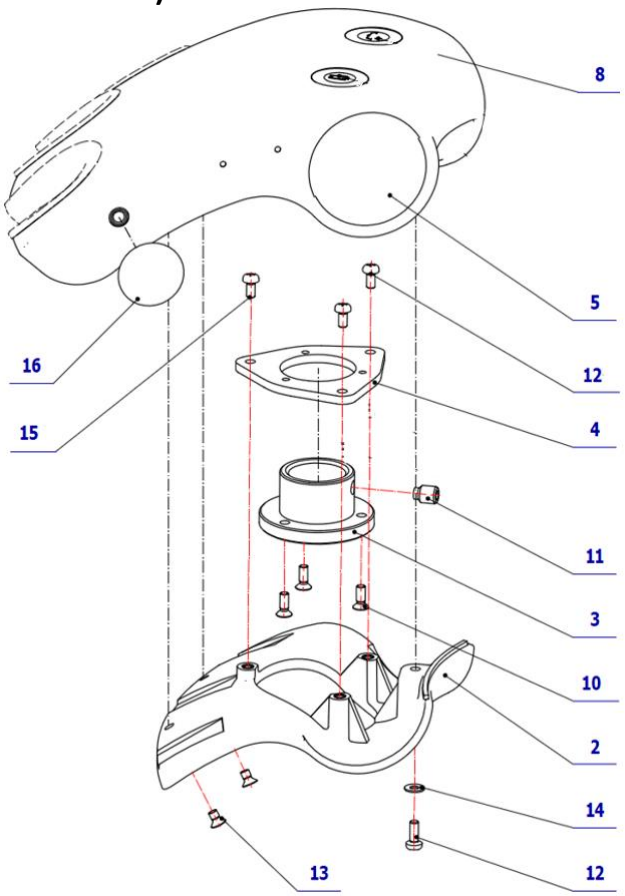
Position	Item no.	Product name	Unit	Quantity
001	V618.82-00-02.A	MODULE HOLDER COVER / WHT1	PC	1.00
002	V618.82-17-00	CUP BUTTON	PC	1.00
003	V618.82-16-00	RINSE BUTTON	PC	1.00

>> LARGE AND SMALL ASPIRATOR MODULE ACCESSORY - V618.83-00-00.1



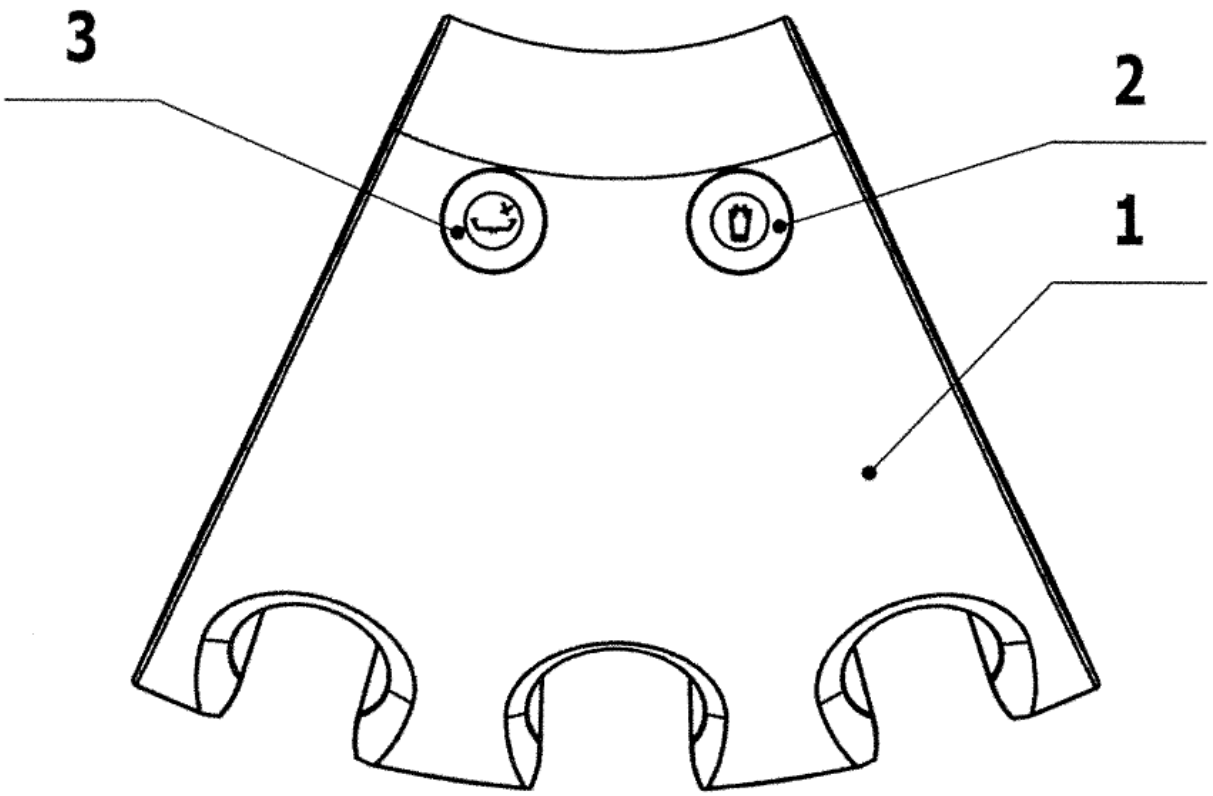
Pos.	Item no.	Product name	Unit	Quantity
001	V618.89-00-01	LARGE ASPIRATOR BUSHING	PC	1.00
002	V618.89-00-02.1	SMALL ASPIRATOR BUSHING	PC	1.00
003	V618.83-00-10	LARGE ASPIRATOR PIN FOR MODULE	PC	1.00
004	V618.83-00-11	SMALL ASPIRATOR PIN FOR MODULE	PC	1.00
005	ME321822.062	MICRO SWITCH HOLDER	PC	2.00
006	ME374415.031	MICRO SWITCH, OMRON SS-5GL 13	PC	2.00
007	ME309255.082	THREADED FASTENER, M 2X14	PC	4.00
008	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
009	ME309251.066	THREADED FASTENER, M 4X10	PC	1.00
010	V618.83-01-00.1	LARGE AND SMALL ASPIRATOR MODULE / WHT1	PC	1.00
011	V618.83-00-03.S	MODULE COVER / WHT1	PC	1.00
012	ME309543.109	THREADED FASTENER, M 3X5	PC	2.00
013	V611.84-02-13	COARSE FILTER, P16	PC	1.00
014	V611.84-02-14	COARSE FILTER, P22	PC	1.00
015	V618.89-15-00	LARGE ASPIRATOR HOSE	PC	1.00
016	V618.89-16-00	SMALL ASPIRATOR HOSE	PC	1.00
017	ME443000.027	CATTANI CLEANING KIT, GREY	PC	1.00

►ASSISTANT'S TABLE (3-SLOT HOLDER) - V618.82-01-00.A K-002



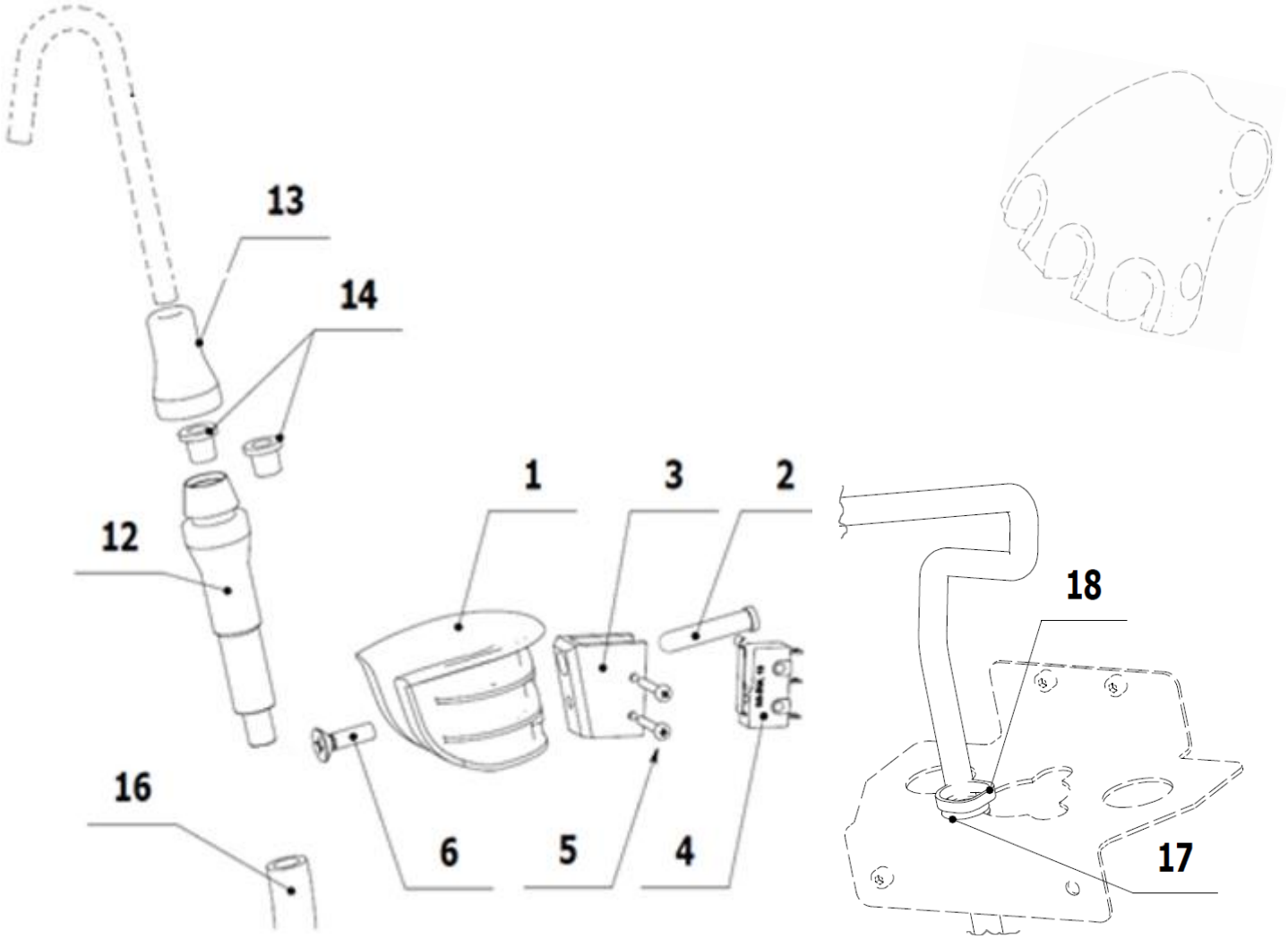
Pos.	Item no.	Product name	Unit	Quantity
002	V618.82-19-00.0	EXPANDED ASSISTANT'S TRAY - MODIFIED / WHT1	PC	1.00
003	V618.82-00-03	MODULE HOLDER SLEEVE	PC	1.00
004	V618.82-01-04.0	CONSOLE BUSHING	PC	1.00
005	ME321822.052	ASSISTANT'S TABLE COVER	PC	2.00
008>>	V618.82-08-00	BUTTONS + COVER / WHT1	PC	1.00
010	ME309251.078	THREADED FASTENER, M 3X8	PC	3.00
011	ME309281.092	THREADED FASTENER, M 6X8	PC	1.00
012	ME309255.052	THREADED FASTENER, M 3X10	PC	3.00
013	ME309543.109	THREADED FASTENER, M 3X5	PC	2.00
014	ME311210.040	WASHER, P 3.2	PC	1.00
015	ME309255.051	THREADED FASTENER, M 3X6	PC	1.00
016	ME321000.114	ECCENTRIC COVER, WHITE	PC	2.00
901	ME341413.069	CABLE, LiYY 3X0.25	M	1.60
902	ME341419.005	WIRE, LiY 0.25 GN - 4126006S	M	0.10
904	ME343421.011	PVC INSULATING SLEEVE, 2.5X0.5, BLACK	M	0.03
905	V400.01-00-21	LABEL, SB1	PC	1.00
906	V400.01-01-30	LABEL, SB2	PC	1.00
911	ME341419.005	WIRE, LiY 0.25 GN - 4126006S	M	3.20
912	ME341419.004	WIRE, LiY 0.25 YE - 4126005S	M	3.20
913	ME374060.010	HOUSING, NSG 25-2	PC	2.00
914	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	4.00
915	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00

>> 3-SLOT HOLDER COVER + BUTTONS - V618.82-08-00



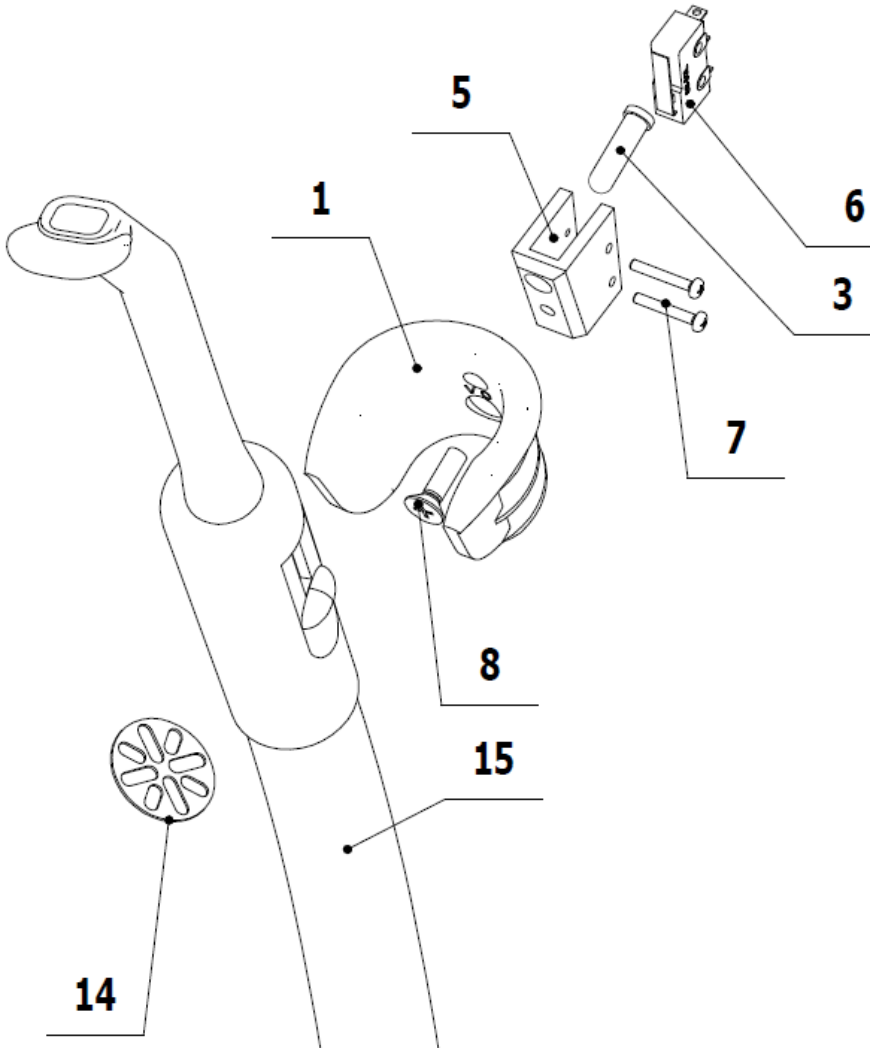
Pos.	Item no.	Product name	Unit	Quantity
001	V618.82-18-00.A	ASSISTANT'S TOP TABLE	PC	1.00
002	V618.82-17-00	CUP BUTTON	PC	1.00
003	V618.82-16-00	RINSE BUTTON	PC	1.00

► SALIVA EJECTOR FOR ASSISTANT'S TABLE - V618.80-00-00.1 (3-SLOT HOLDER)



Pos.	Item no.	Product name	Unit	Quantity
001	V618.80-00-01	SALIVA EJECTOR BUSHING	PC	1.00
002	V618.80-00-02.1	SALIVA EJECTOR PIN FOR THE TABLE	PC	1.00
003	ME321822.062	MICRO SWITCH HOLDER	PC	1.00
004	ME374415.031	MICRO SWITCH, OMRON SS-5GL 13	PC	1.00
005	ME309255.082	THREADED FASTENER, M 2X14	PC	2.00
006	ME309251.093	THREADED FASTENER, M 4X14	PC	1.00
012	ME283367.071	SALIVA EJECTOR TAIL-PIECE	PC	1.00
013	ME321822.020	SALIVA EJECTOR TIP, 608.63-00-13	PC	1.00
014	ME321822.023	SALIVA EJECTOR SCREEN	PC	2.00
016	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	2.50
017	ME273121.041	BUSHING, TYPE F2, 9X1.5	PC	1.00
018	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1.00

► LARGE ASPIRATOR ACCESSORY FOR 3-SLOT HOLDER - V618.89-01-00

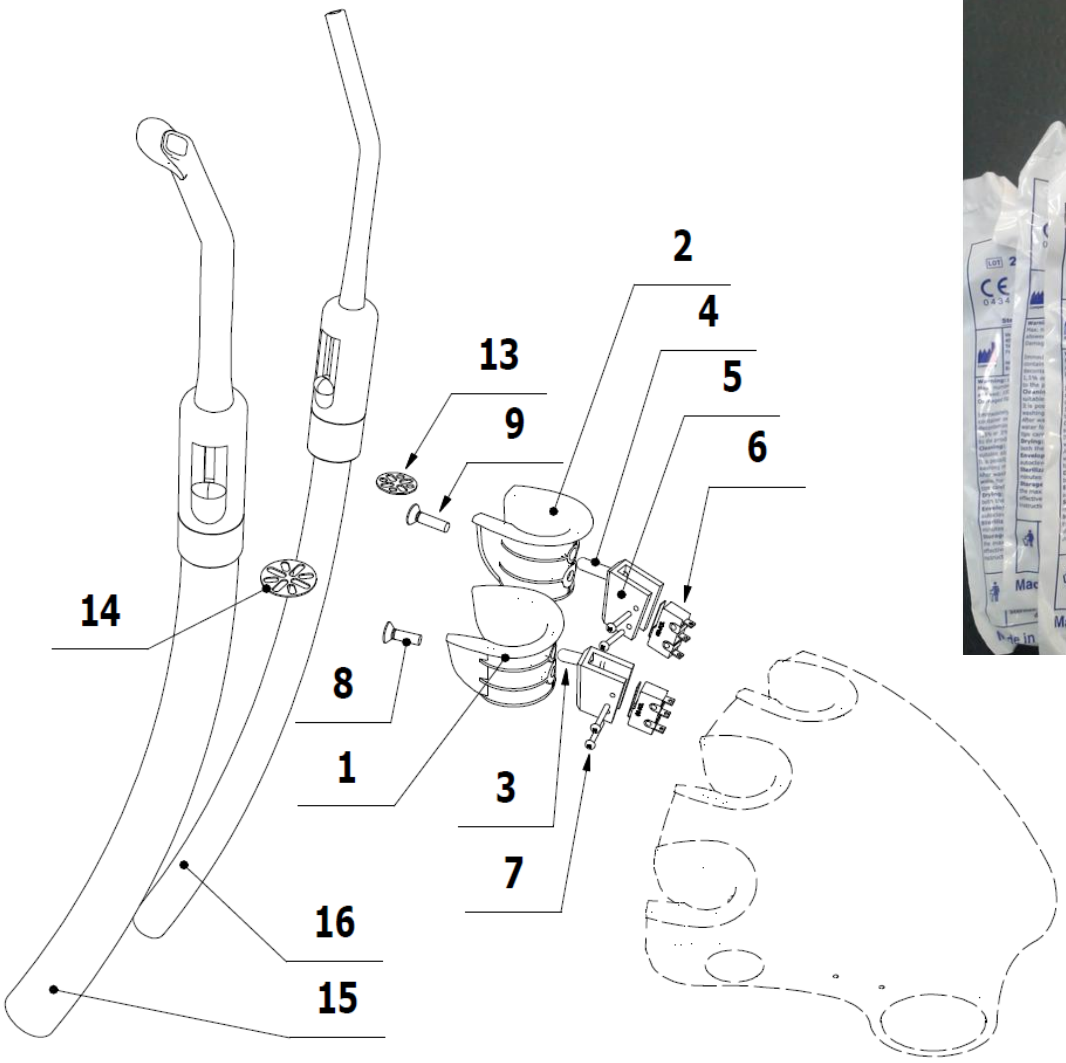


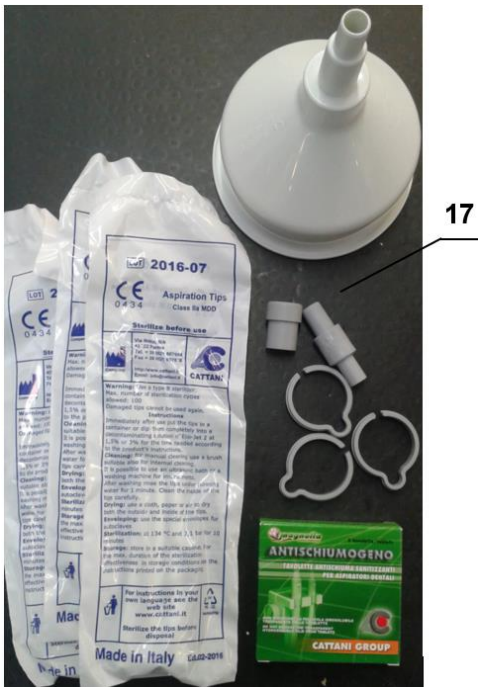


Pos.	Item no.	Product name	Unit	Quantity
001	V618.89-00-01	LARGE ASPIRATOR BUSHING	PC	1.00
003	V618.89-00-03	LARGE ASPIRATOR PIN	PC	1.00
005	ME321822.062	MICRO SWITCH HOLDER	PC	1.00
006	ME374415.033	MICRO SWITCH, SS-5GL	PC	1.00
007	ME309255.082	THREADED FASTENER, M 2X14	PC	2.00
008	ME309251.093	THREADED FASTENER, M 4X14	PC	1.00
014	V611.84-02-14	COARSE FILTER, P22	PC	1.00
015	V618.89-15-00.2	LARGE ASPIRATOR HOSE	PC	1.00
017	ME443000.027	CATTANI CLEANING KIT, GREY	PC	1.00



► LARGE AND SMALL ASPIRATOR ACCESSORY - V618.89-00-00



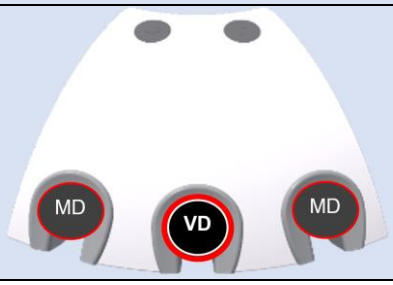
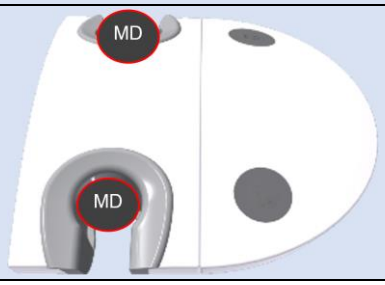


Pos.	Item no.	Product name	Unit	Quantity
001	V618.89-00-01	LARGE ASPIRATOR BUSHING	PC	1.00
002	V618.89-00-02.1	SMALL ASPIRATOR BUSHING	PC	1.00
003	V618.80-00-02	SALIVA EJECTOR PIN FOR MODULE AND LARGE ASPIRATOR	PC	1.00
004	V618.89-00-04	SMALL ASPIRATOR PIN	PC	1.00
005	ME321822.062	MICRO SWITCH HOLDER	PC	2.00
006	ME374415.033	MICRO SWITCH, SS-5GL	PC	2.00
007	ME309255.082	THREADED FASTENER, M 2X14	PC	4.00
008	ME309251.093	THREADED FASTENER, M 4X14	PC	1.00
009	ME311120.067	THREADED FASTENER, M 4X16	PC	1.00
013	V611.84-02-13	COARSE FILTER, P16	PC	1.00
014	V611.84-02-14	COARSE FILTER, P22	PC	1.00
015	V618.89-15-00.2	LARGE ASPIRATOR HOSE (1.5 m)	PC	1.00
016	V618.89-16-00.2	SMALL ASPIRATOR HOSE (1.5 m)	PC	1.00
017	ME443000.027	CATTANI CLEANING KIT, GREY	PC	1.00

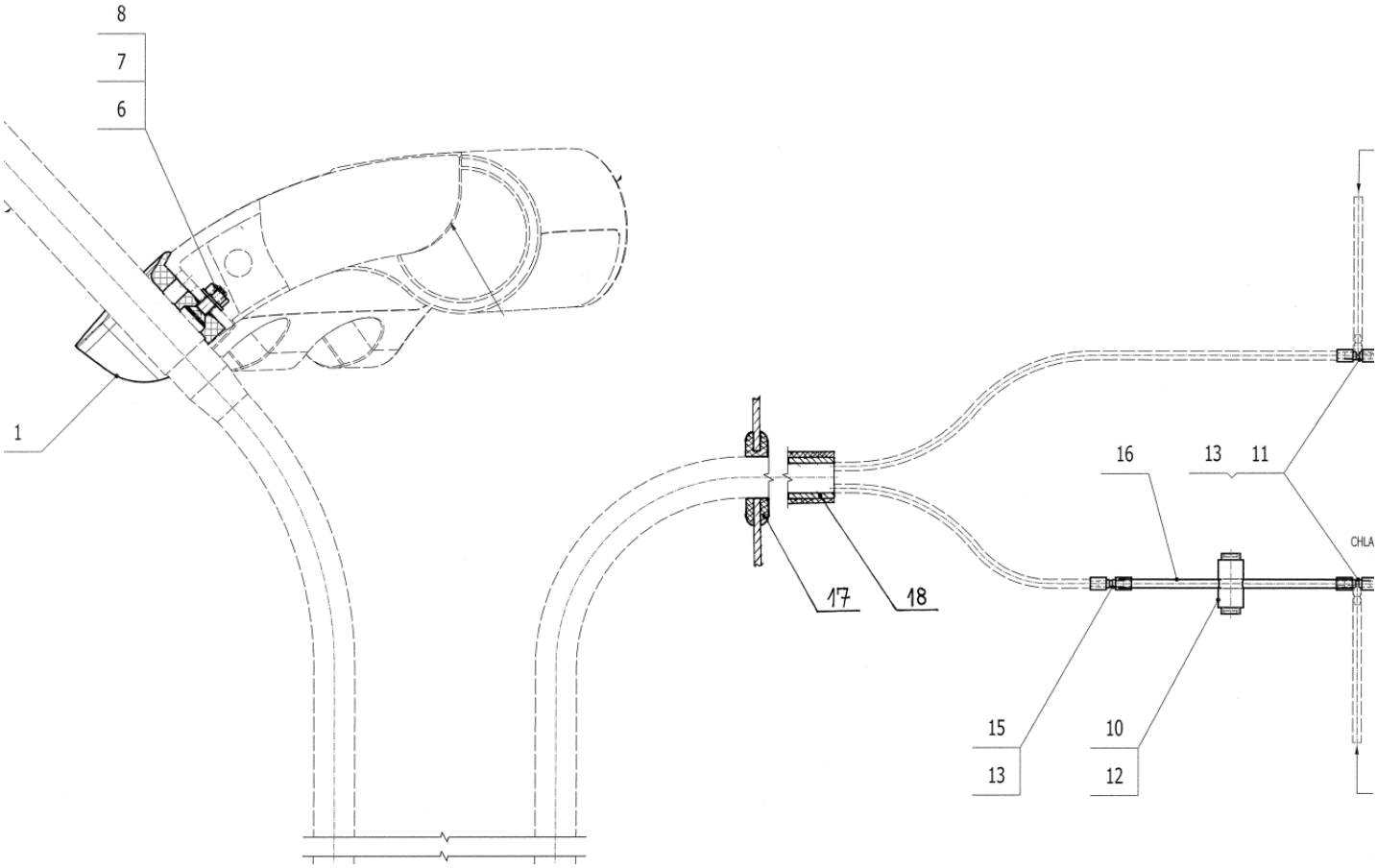
C2 - Assistant's console arm accessories

COMPATIBLE INSTRUMENTS IN INDIVIDUAL SLOTS

	Saliva ejector	Small aspirator	Syringe	PLM	Large aspirator	Camera
Small holder  instruments	**YES**	**YES**	**YES**	**YES**	**NO**	**NO**
Large holder  instruments	**NO**	**NO**	**NO**	**NO**	**YES**	**YES**

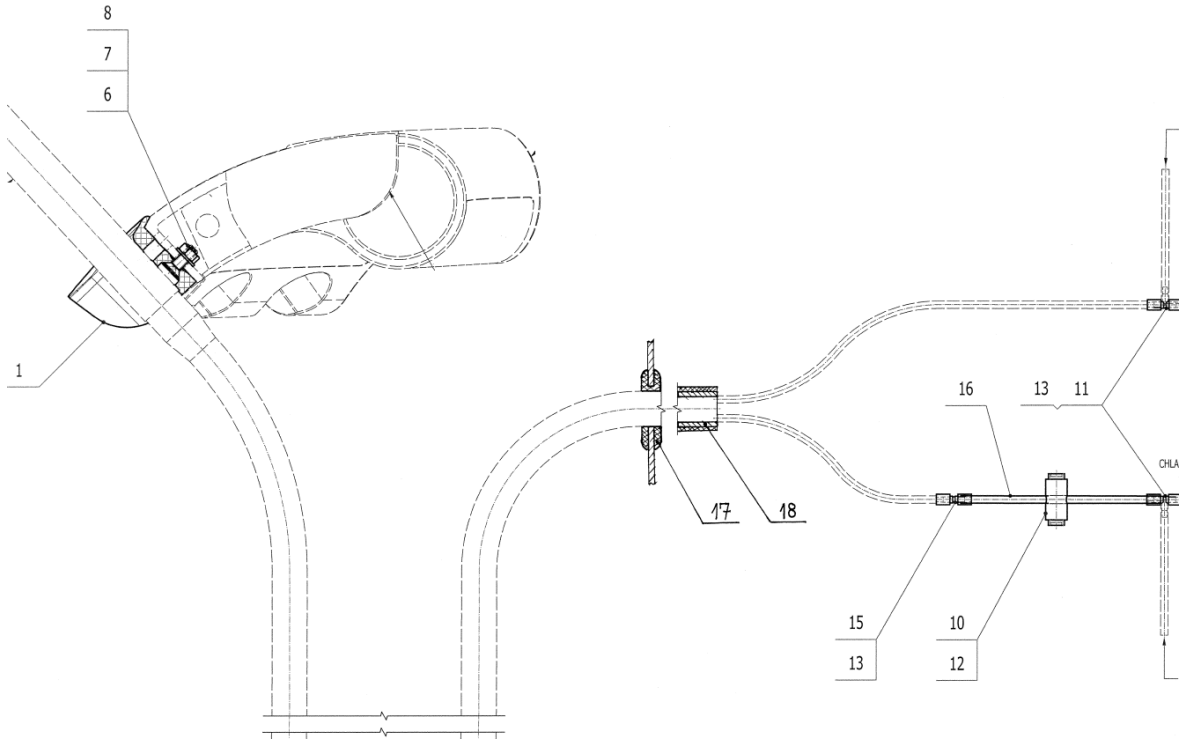
3-slot holder	2-slot holder	Add-on module	Add-on module for LARGE and SMALL ASPIRATOR
			

►MINIMATE ACCESSORY - V618.85-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V618.85-00-01	MINIMATE BUSHING	PC	1.00
006	ME309251.073	THREADED FASTENER, M 4X12	PC	1.00
007	ME311180.015	NUT, M 4	PC	1.00
008	ME311210.028	WASHER, P 4.3	PC	1.00
011	ME336401.015	ADAPTER T210-1	PC	2.00
013	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.04
014	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1.00
015	ME336401.012	ADAPTER N210-1	PC	1.00
016	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.05
017	ME273121.041	BUSHING, TYPE F2, 9X1.5	PC	1.00
017	ME273121.040	BUSHING, TYPE F2, 9.5X4	PC	1.00
018	V601.40-00-06	INSERT, P8 - 6	PC	1.00

►MINILIGHT ACCESSORY - V618.85-00-00.1



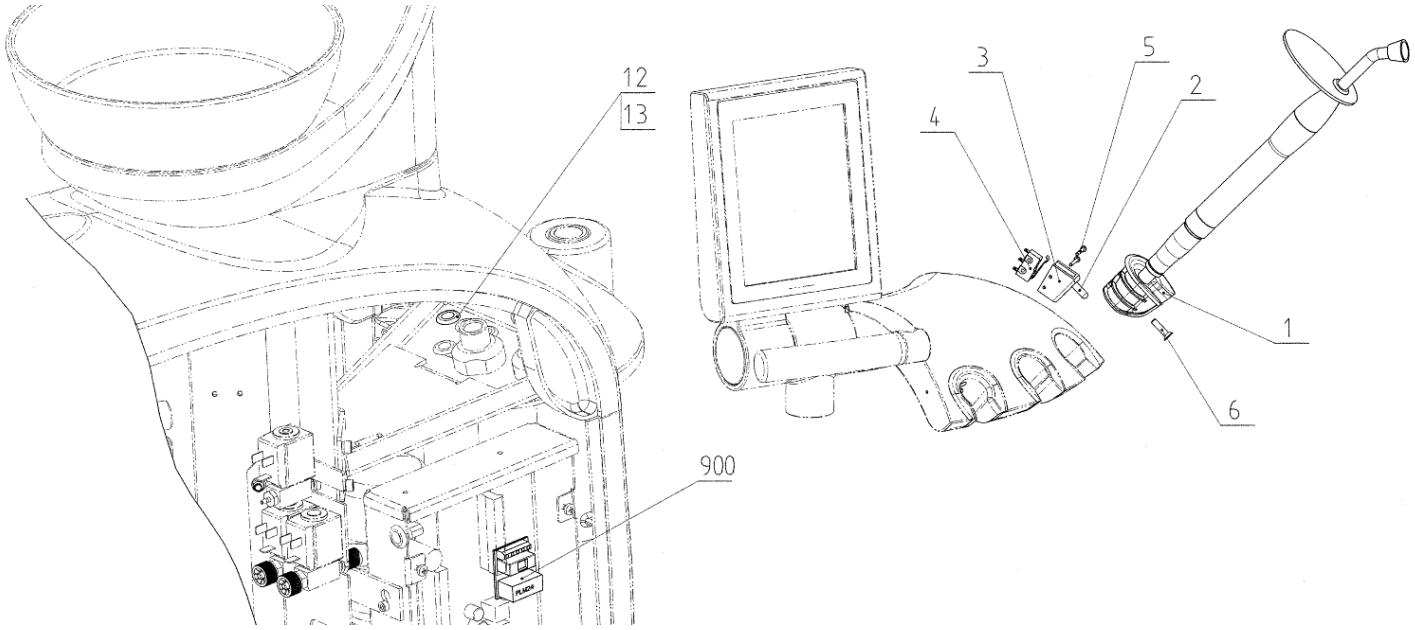
Pos.	Item no.	Product name	Unit	Quantity
001	V618.85-00-01.1	MINILIGHT BUSHING	PC	1.00
006	ME309251.073	THREADED FASTENER, M 4X12	PC	1.00
007	ME311180.015	NUT, M 4	PC	1.00
008	ME311210.028	WASHER, P 4.3	PC	1.00
011	ME336401.015	ADAPTER T210-1	PC	2.00
013	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.04
014	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1.00
015	ME336401.012	ADAPTER N210-1	PC	1.00
016	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.05
017	ME273121.041	BUSHING, TYPE F2, 9X1.5	PC	1.00
017	ME273121.040	BUSHING, TYPE F2, 9.5X4	PC	1.00
018	V601.40-00-06	INSERT, P8 - 6	PC	1.00

► COMPLETE: MECTRON PLM WITH ACCESSORY

Order the following items to order a complete MECTRON PLM with accessories:

1>>	MECTRON PLM ACCESSORY	BASIC	V624.86-00-00 K-003
		FULL	V624.86-00-00 K-004
2	PLM MECTRON		ME341000.045

>>MECTRON PLM ACCESSORY - V624.86-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V618.85-00-01.1	MINILIGHT BUSHING	PC	1.00
002	V618.89-00-03	LARGE ASPIRATOR PIN	PC	1.00
002	V618.89-00-04	SMALL ASPIRATOR PIN	PC	1.00
003	ME321822.062	MICRO SWITCH HOLDER	PC	1.00
004	ME374415.033	MICRO SWITCH, SS-5GL	PC	1.00
005	ME309255.082	THREADED FASTENER, M 2X14	PC	2.00
006	ME309251.073	THREADED FASTENER, M 4X12	PC	1.00
006	ME309251.093	THREADED FASTENER, M 4X14	PC	1.00
012	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1.00
013	ME273121.040	BUSHING, TYPE F2, 9.5X4	PC	1.00

K-003 = BASIC

Pos.	Item no.	Product name	Unit	Quantity
901	ME345621.010	TERMINAL STRIP WITH FUSE, CM 1035	PC	1.00
902	ME371814.057	FUSE, 5X20 T 315 mA	PC	1.00
903	V400.01-00-54	LABEL, XT8	PC	1.00
904	ME735000.169	LABEL, 4-602.2-90-23	PC	1.00
905	V400.01-00-45	LABEL, FU9	PC	1.00
906	ME735000.274	LABEL, T315 MA	PC	1.00
907	ME341419.015	WIRE, LiY 0.5 WHITE	M	1.40
908	ME341419.014	WIRE, LiY 0.5 GREY	M	3.00
911	ME283362.118	PVC INSULATING SLEEVE, 2.5X0.5, GREY	M	0.02
912	V400.01-00-68	LABEL, SQ12	PC	1.00
913	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	6.00
914	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	2.00

915	ME309255.049	THREADED FASTENER, M 3X16	PC	2.00
916	ME309255.073	THREADED FASTENER, M 4X6	PC	1.00
917	V623.86-90-17	TERMINAL STRIP ANGLE BRACKET	PC	1.00

K-004 = FULL

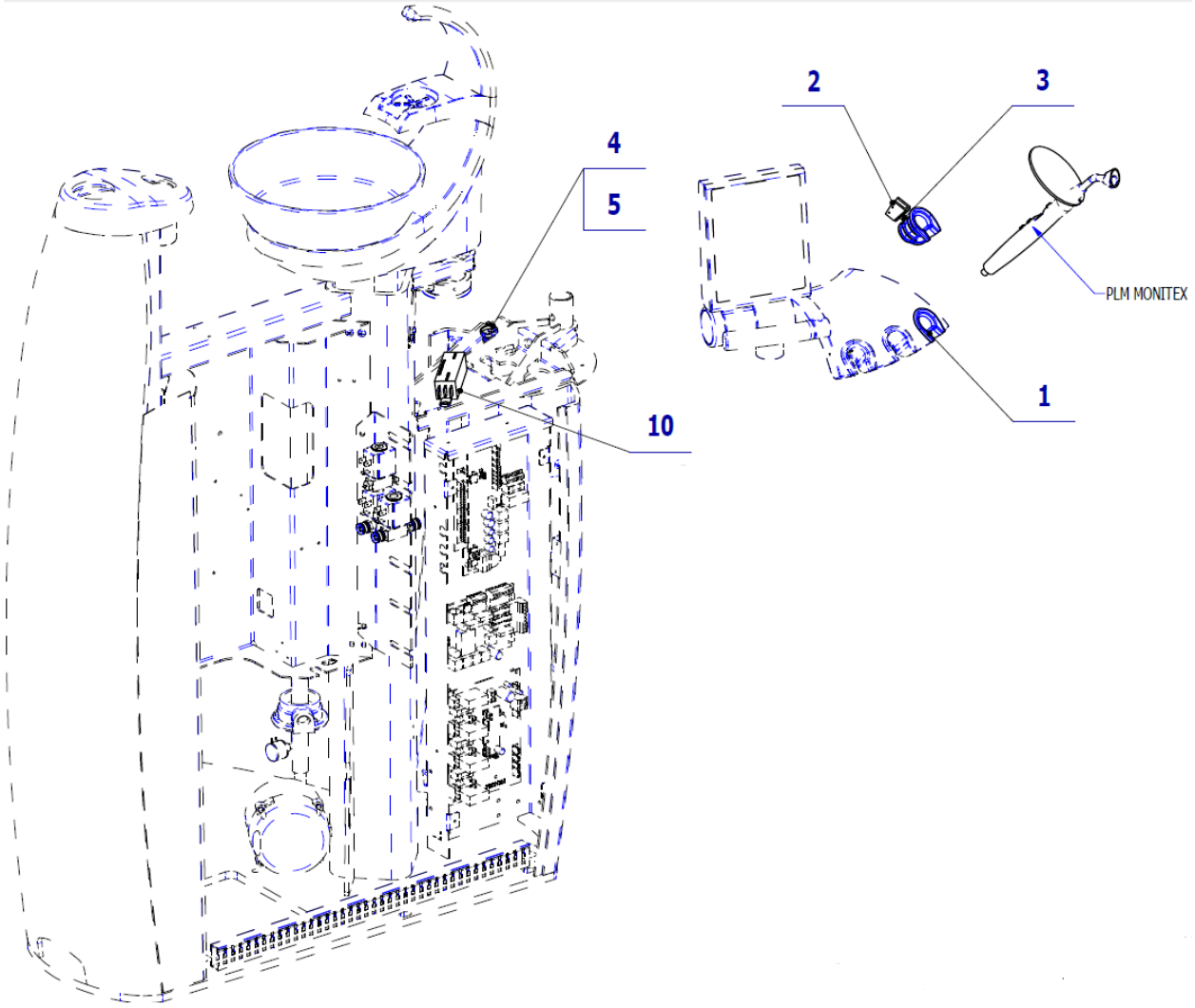
Pos.	Item no.	Product name	Unit	Quantity
902	ME341419.008	WIRE, LiY 0.25 GY - 4126106S	M	1.40
903	ME283362.118	PVC INSULATING SLEEVE, 2.5X0.5, GREY	M	0.02
905	V400.01-00-68	LABEL, SQ12	PC	1.00
901	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	6.00

► COMPLETE: MONITEX PLM WITH ACCESSORY

Order the following items to order a complete MONITEX PLM with accessories:

1>>	MONITEX PLM ACCESSORY	BASIC, FULL	V624.86-00-00.1 K-001
2	MONITEX PLM with converter		ME341000.055

>>MONITEX PLM ACCESSORY - V624.86-00-00.1 K-001



Pos.	Item no.	Product name	Unit	Quantity
001	V618.85-00-01.2	MINILIGHT BUSHING	PC	1.00
002	ME321822.062	MICRO SWITCH HOLDER	PC	1.00
003	ME309251.093	THREADED FASTENER, M 4X14	PC	1.00
004	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1.00
005	ME273121.040	BUSHING, TYPE F2, 9.5X4	PC	1.00
010	ME341000.055	MONITEX PLM with converter	PC	**OPTION**
901	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	8.00
902	ME341411.059	WIRE, LAU 0.5 WHITE	M	1.40
903	ME345621.010	TERMINAL STRIP WITH FUSE, CM 1035	PC	1.00
904	ME371814.057	FUSE, 5X20 T 315 mA	PC	1.00
905	V400.01-00-54	LABEL, XT8	PC	1.00
906	V400.01-00-45	LABEL, FU9	PC	1.00
907	ME735000.274	LABEL, T315 MA	PC	1.00
908	ME309255.049	THREADED FASTENER, M 3X16	PC	1.00
909	ME375000.004	INSULATED CRIMP FITTING - NITI 0.34X8TQ	PC	2.00

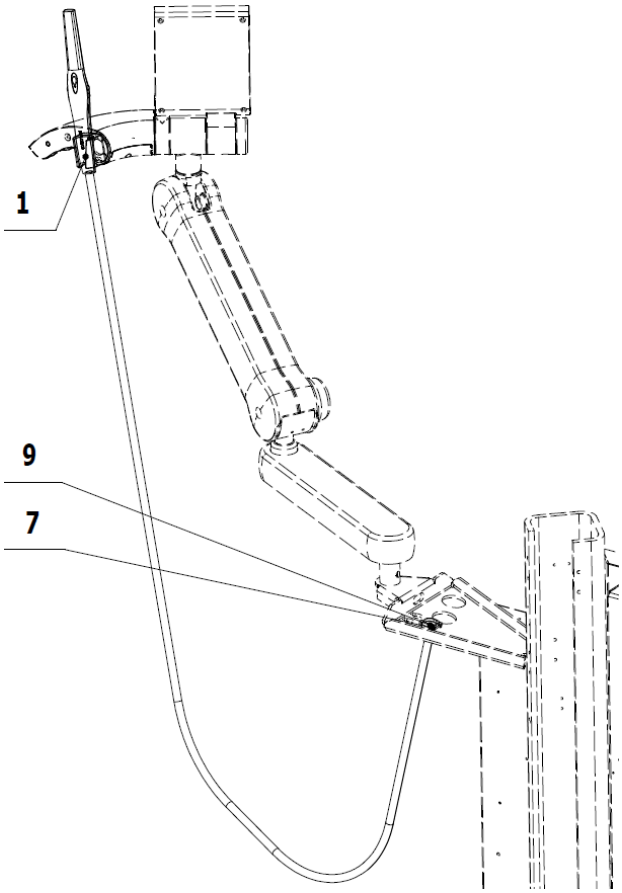
1► DIPLOMAT USB CAMERA + ACCESSORY (complete)

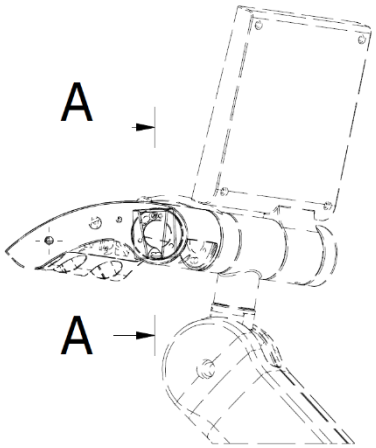
(The camera is positioned on the side of the 3-slot holder)

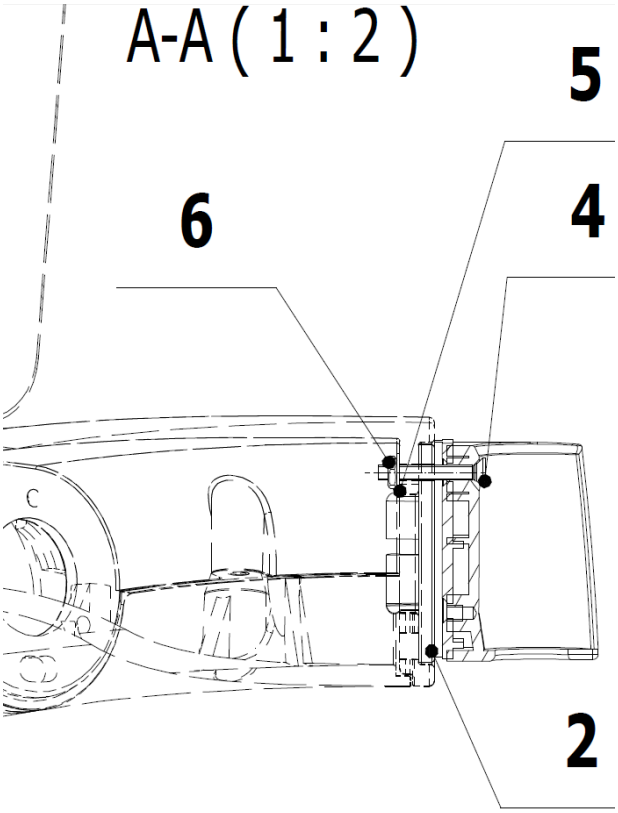


1 >>	ME376000.036	DIPLOMAT USB CAMERA
2 >>	V624.88-00-00.G K-001	USB CAMERA ACCESSORY
3 >>	ME376000.040	EXTENSION CORD, ADR-201, USB REPEATER, 10 m

>>DIPLOMAT USB CAMERA ACCESSORY - V624.88-00-00.G K-001



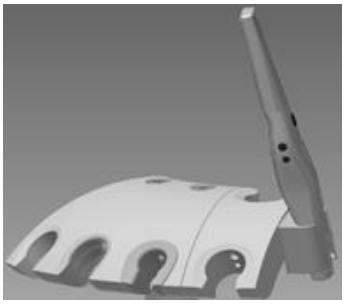




Pos.	Item no.	Product name	Unit	Quantity	SP
001	V624.88-00-04	CAMERA HOLDER	PC	1.00	
002	V618.82-00-06.1	ASSISTANT'S TABLE COVER	PC	1.00	
003>>	ME376000.036	DIPLOMAT USB CAMERA WITH SW	PC	**OPTION**	✓
004	ME309543.103	THREADED FASTENER, M 3X20	PC	1.00	
005	ME311210.026	WASHER, P 3.2	PC	1.00	
006	ME311210.019	NUT, M 3	PC	1.00	
007	ME273121.044	BUSHING, TYPE F2, 8X3	PC	1.00	
009	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00	
010>>	ME376000.040	EXTENSION CORD, ADR-201, USB REPEATER, 10 m	PC	**OPTION**	✓

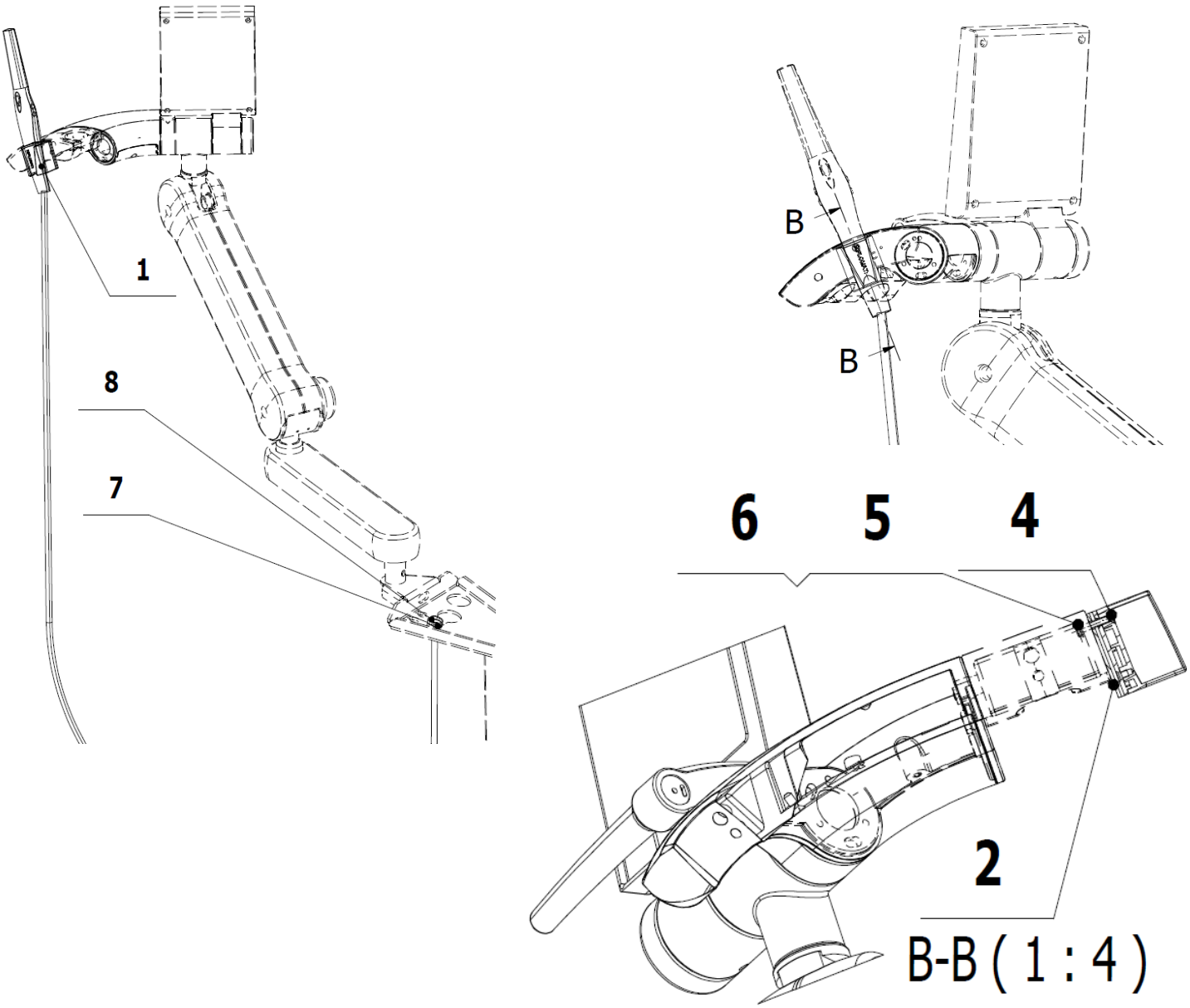
2► DIPLOMAT USB CAMERA + ACCESSORY (complete)

(The camera is positioned on the side of the existing add-on module)



1 >>	ME376000.036	DIPLOMAT USB CAMERA
2 >>	V624.88-00-00.H K-001	USB CAMERA ACCESSORY
3 >>	ME376000.040	EXTENSION CORD, ADR-201, USB REPEATER, 10 m

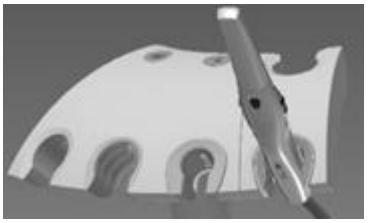
>>DIPLOMAT CAMERA ACCESSORY, ADD-ON MODULE - V624.88-00-00.H K-001



Pos.	Item no.	Product name	Unit	Quantity	SP
001	V624.88-00-04	CAMERA HOLDER	PC	1.00	
002	V624.88-04-00	SHEET FOR HOLDER, COMPLETE / WHT1	PC	1.00	
003>>	ME376000.036	DIPLOMAT USB CAMERA WITH SW	PC	**OPTION**	✓
004	ME309543.103	THREADED FASTENER, M 3X20	PC	1.00	
005	ME311210.026	WASHER, P 3.2	PC	1.00	
006	ME311210.019	NUT, M 3	PC	1.00	
007	ME273121.044	BUSHING, TYPE F2, 8X3	PC	1.00	
008	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00	
009>>	ME376000.040	EXTENSION CORD, ADR-201, USB REPEATER, 10 m	PC	**OPTION**	✓

3► DIPLOMAT CAMERA + ACCESSORY (Complete)

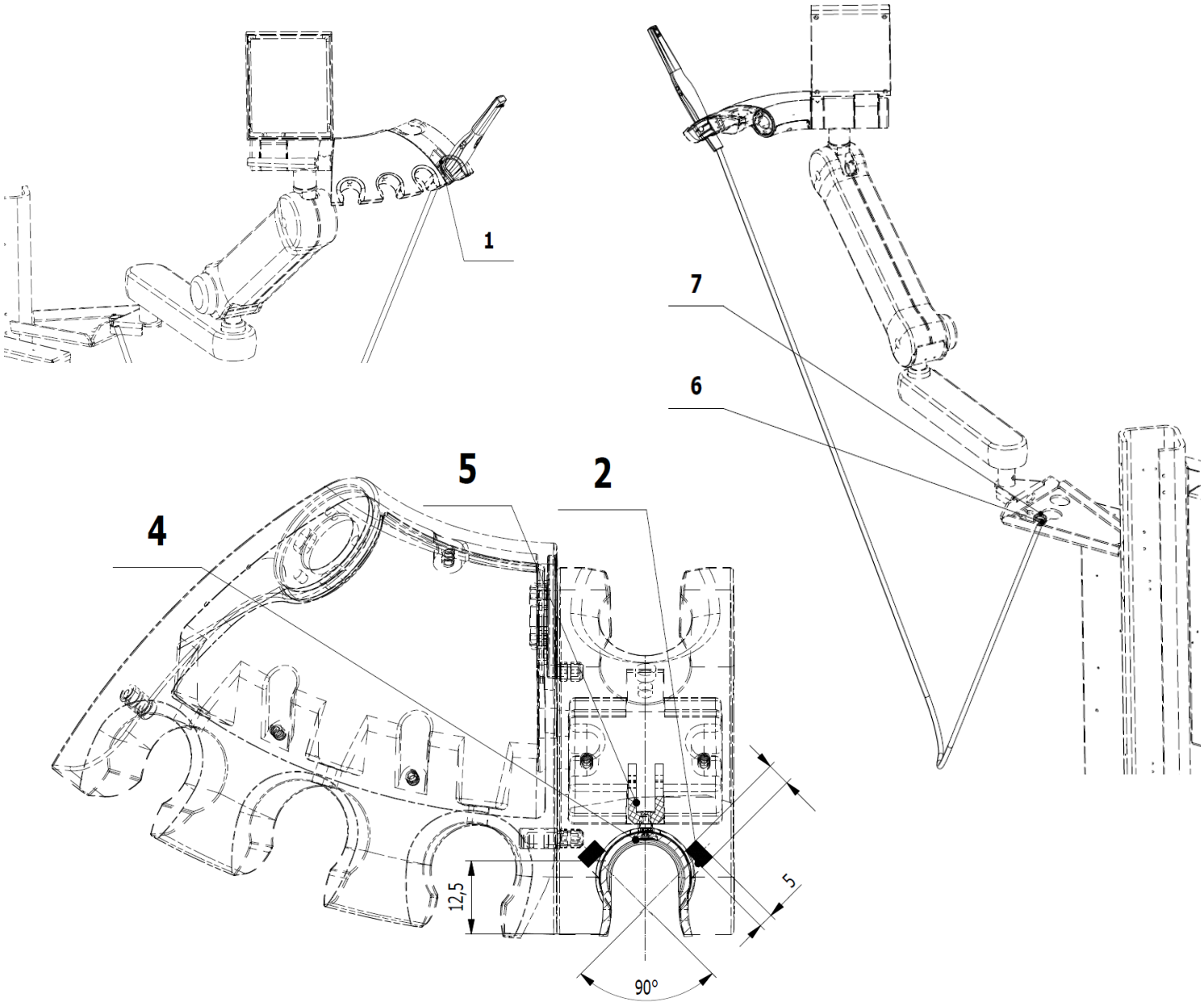
(The camera is located in the add-on module in the large aspirator holder)



>>DIPLOMAT CAMERA

1 >>	ME376000.036	DIPLOMAT USB CAMERA
2 >>	V624.88-00-00.I K-001	USB CAMERA ACCESSORY
3 >>	ME376000.040	EXTENSION CORD, ADR-201, USB REPEATER, 10 m
4 >>	V618.83-00-00.2	LARGE AND SMALL ASPIRATOR ADD-ON MODULE

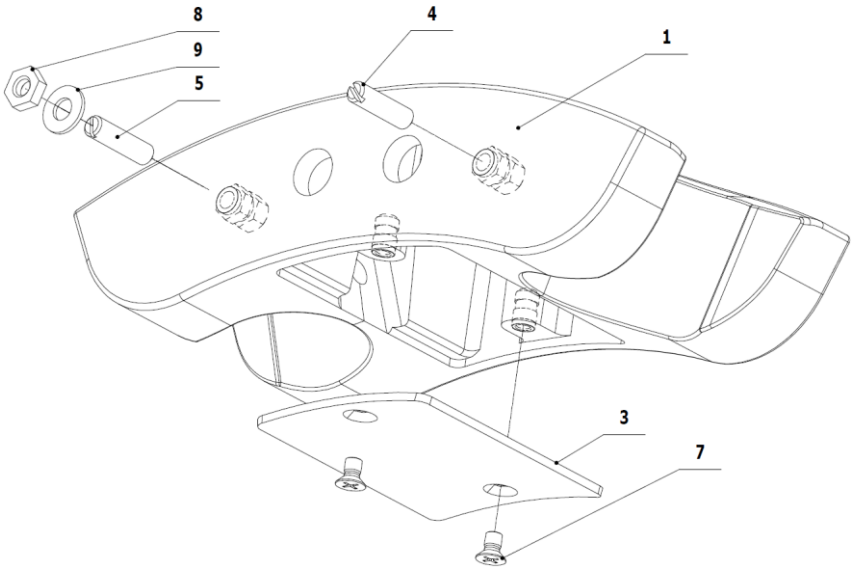
ACCESSORY - V624.88-00-00.I K-001



Pos.	Item no.	Product name	Unit	Quantity	SP
001	V618.89-00-01	LARGE ASPIRATOR BUSHING	PC	1.00	
002	ME405900.016	MAGNET, P8x5 NEODYMIUM	PC	2.00	
003>>	ME376000.036	DIPLOMAT USB CAMERA WITH SW	PC	**OPTION**	✓
004	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00	
005	ME321822.062	MICRO SWITCH HOLDER	PC	1.00	
006	ME273121.044	BUSHING, TYPE F2, 8X3	PC	1.00	
007	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00	

008>>	ME376000.040	EXTENSION CORD, ADR-201, USB REPEATER, 10 m	PC	**OPTION**	✓

>>LARGE AND SMALL ASPIRATOR ADD-ON MODULE - V618.83-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V618.83-01-00.1	LARGE AND SMALL ASPIRATOR MODULE	PC	1.00
003	V618.83-00-03.S	MODULE COVER	PC	1.00
004	V618.83-00-04	FITTED STUD	PC	1.00
005	ME309280.001	THREADED FASTENER, M 4x16	PC	1.00
007	ME309543.109	THREADED FASTENER, M 3X5	PC	2.00
008	ME311180.015	NUT, M 4	PC	1.00
009	ME311210.037	WASHER, P 4.3	PC	1.00

>> ☼ DIPLOMAT USB CAMERA - ME376000.036



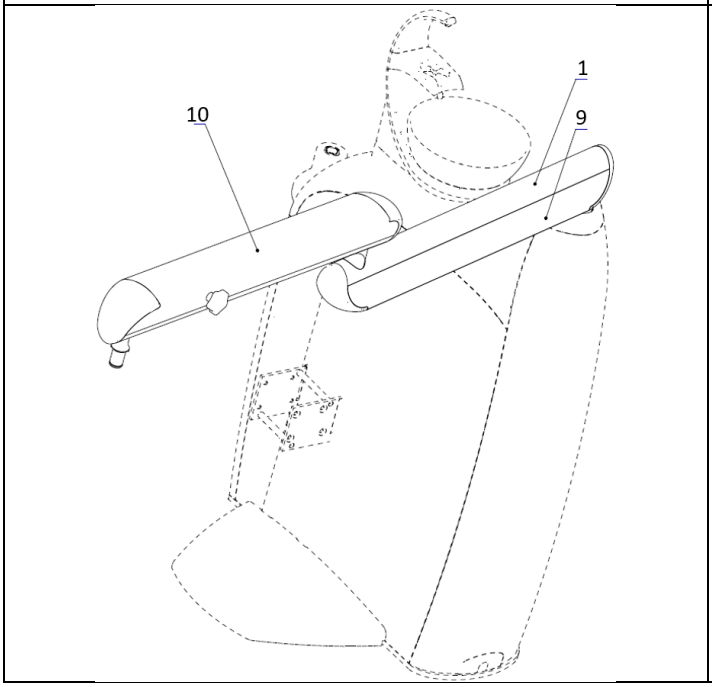
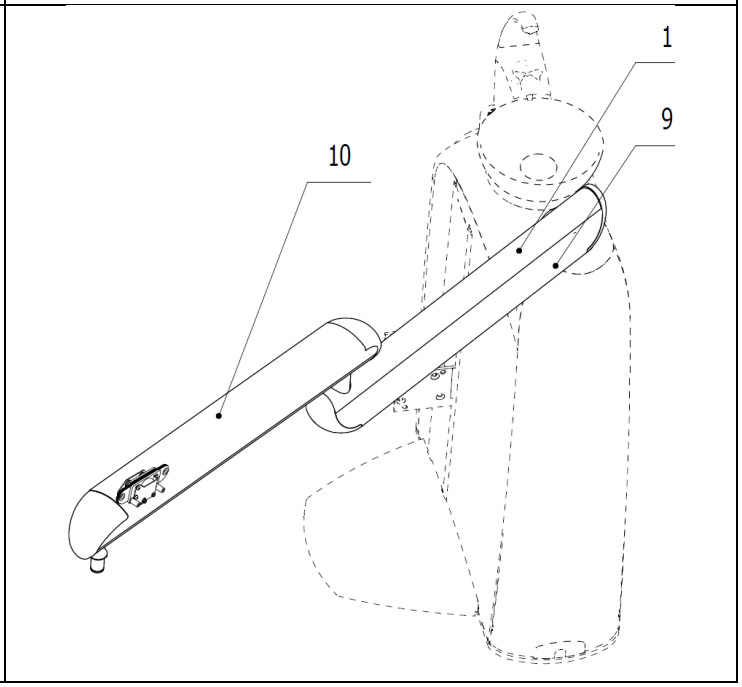


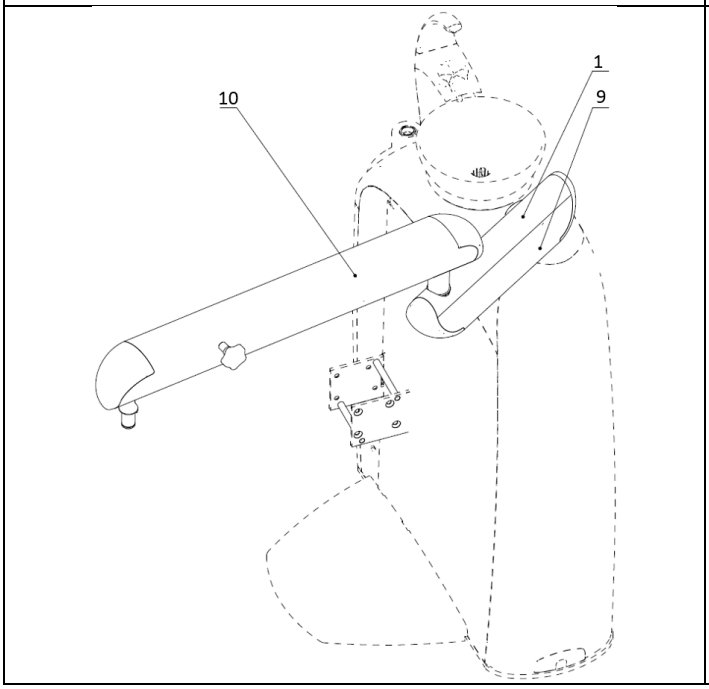
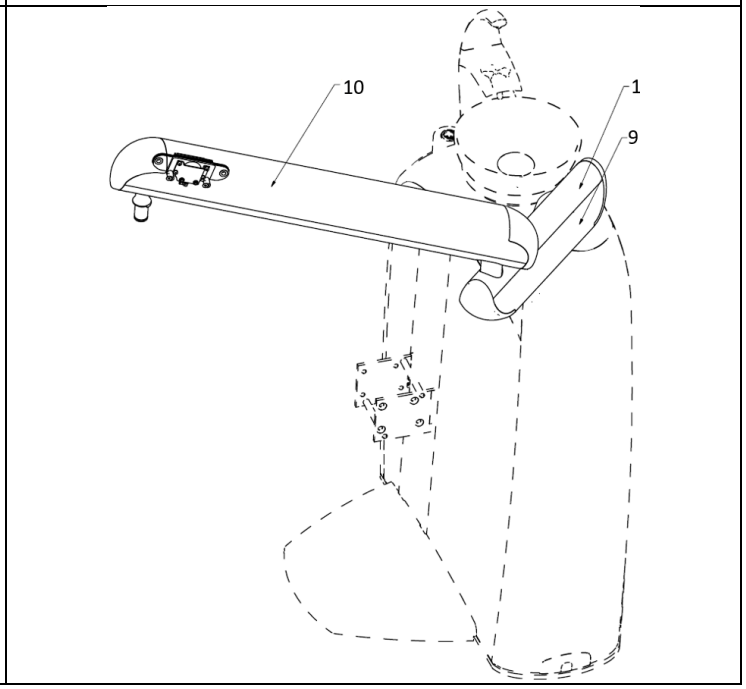
>> ☼ EXTENSION CORD, ADR-210 USB REPEATER 10 m - ME376000.040



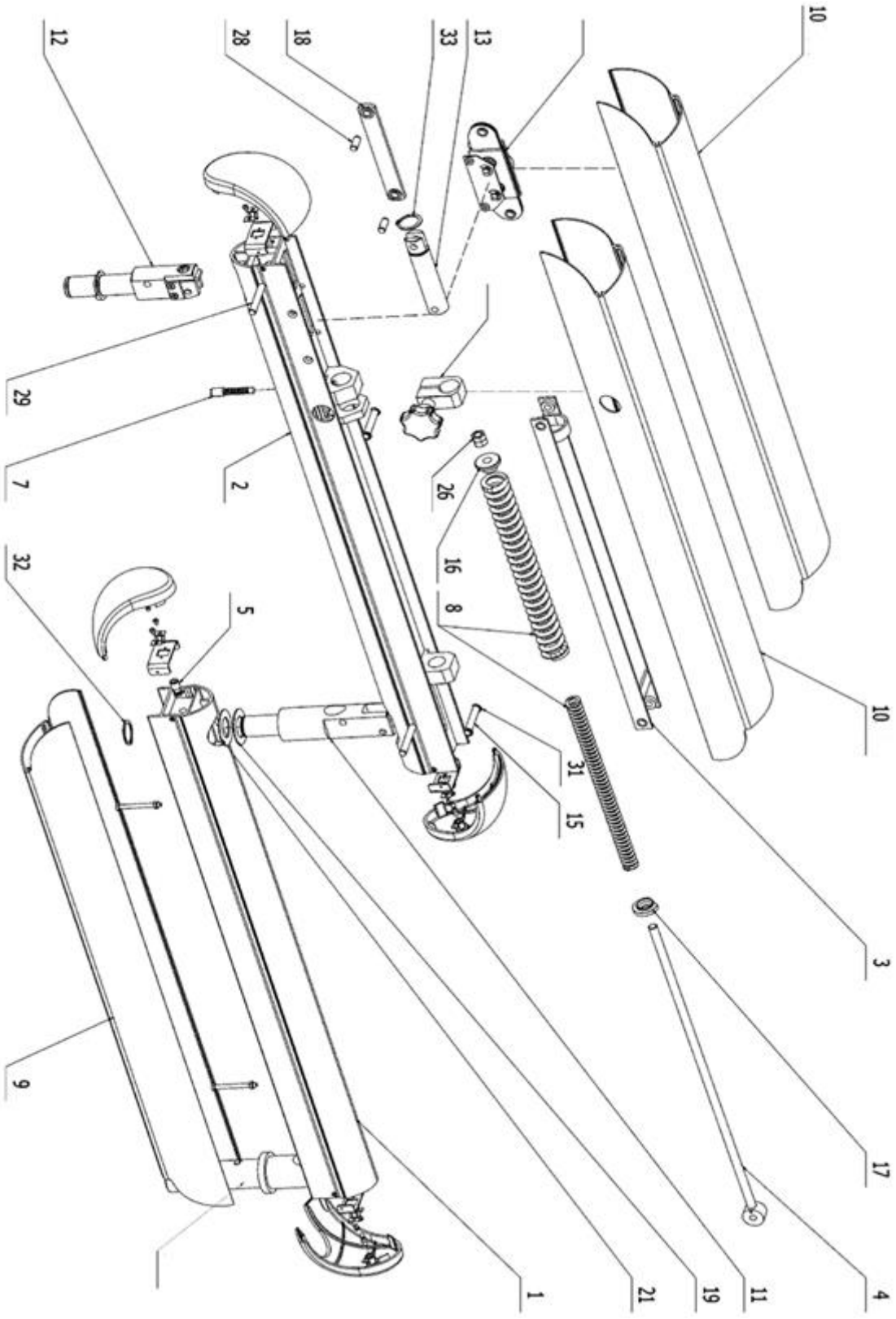
D - CONTROL PANEL ARM

The control panel arm is delivered in the following 4 variants:

001 - STANDARD CONTROL PANEL ARM (698 mm) - V608.10-01-00 009 - STANDARD CONTROL PANEL ARM COVER - V618.10-00-09	
010 - CONTROL PANEL ARM COVER FOR MECH. BRAKE V618.10-00-10.1	**010 - CONTROL PANEL ARM COVER FOR PNEU. BRAKE V618.10-00-10.2**
	

001 - SHORTENED CONTROL PANEL ARM (350 mm) - V608.10-01-00.1 009 - SHORTENED CONTROL PANEL ARM COVER - V618.10-00-09.1	
010 - CONTROL PANEL ARM COVER FOR MECH. BRAKE V618.10-00-10.1	**010 - CONTROL PANEL ARM COVER FOR PNEU. BRAKE V618.10-00-10.2**
	

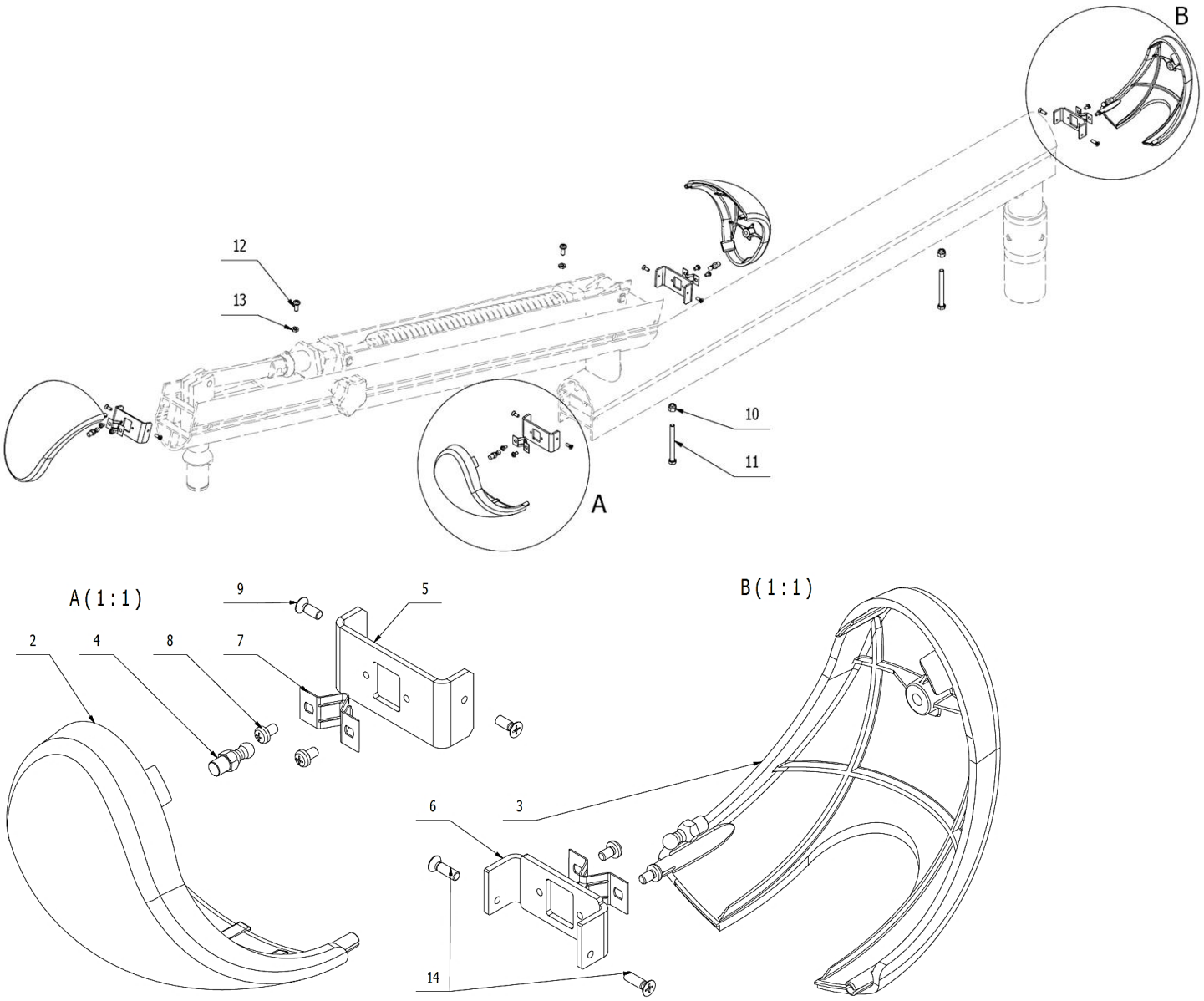
►CONTROL PANEL ARM - V608.10-00-00.2 K-010



Pos.	Item no.	Product name	Unit	Quantity
001	V608.10-01-00.1	SHORTENED CONTROL PANEL ARM (350 mm)	PC	OPTIONAL
001	V608.10-01-00	CONTROL PANEL ARM (698 mm)	PC	OPTIONAL
002	V608.10-02-00.2	UNIVERSAL TABLE ARM / WHT1	PC	1.00
003	V608.10-03-00.2	CONNECTOR	PC	1.00
004	V608.10-04-00.2	SPRING ROD	PC	1.00

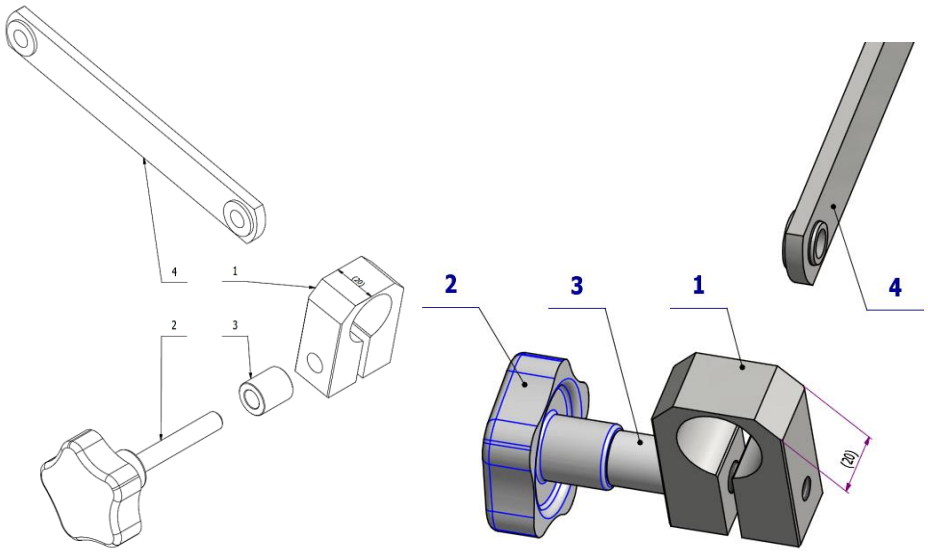
005	V608.10-05-00	AUXILIARY BRAKE	PC	1.00
006>>	V608.10-06-00.1	PNEUMATIC BRAKE	PC	OPTIONAL
007	V608.10-07-00	SPRING BRAKE	PC	1.00
008	V608.10-08-00.2	SPRING ASSEMBLY	PC	1.00
009	V618.10-00-09	STANDARD CONTROL PANEL ARM COVER	PC	OPTIONAL
009	V618.10-00-09.1	SHORTENED CONTROL PANEL ARM COVER	PC	OPTIONAL
010	V618.10-00-10.1	CONTROL PANEL ARM COVER FOR MECH. BRAKE	PC	OPTIONAL
010	V618.10-00-10.2	CONTROL PANEL ARM COVER FOR PNEU. BRAKE	PC	OPTIONAL
010>>	V618.10-10-00	COVERS	PC	1.00
011	V608.10-00-11	ARM STUD / WHT1	PC	1.00
012	V608.10-00-12.2	TABLE STUD / WHT1	PC	1.00
013	V608.10-00-13.2	BRAKE STUD	PC	1.00
015	V608.10-00-15	STUD, 8X44	PC	2.00
016	V605.10-00-13	SPRING PLATE, LEFT	PC	1.00
017	V608.10-00-17.2	SPRING STOP	PC	1.00
018	V608.10-18-00.2	ARM CONNECTOR	PC	OPTIONAL
019	V605.10-00-15	AXIAL BEARING DISK	PC	1.00
021	ME323427.026	SLEEVE, A 26 KU	PC	1.00
026	ME311120.019	NUT, M 10	PC	2.00
028	ME311565.035	PIN, P 8X20 CYLINDRICAL	PC	2.00
029	ME311565.080	PIN, P 8X55 CYLINDRICAL	PC	2.00
031	ME311732.006	LOCK RING P 6	PC	4.00
032	ME311733.010	LOCK RING P 24	PC	1.00
033	ME311733.011	LOCK RING P 25	PC	1.00
039	V601.2-03-10	STOP	PC	1.00
041	ME286125.002	HOSE, PVC 8/13 TYPE RW 501	M	0.02
900	V631.10-90-00	CONTROL PANEL WIRING HARNESS	PC	1.00

>>COVERS - V618.10-10-00



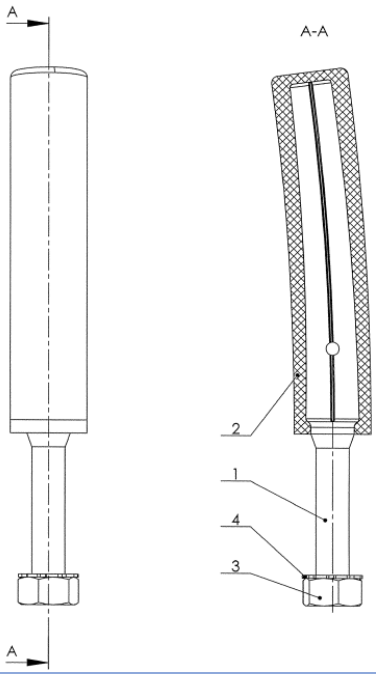
Pos.	Item no.	Product name	Unit	Quantity
001	V618.10-00-09	2ND CONTROL PANEL ARM COVER / WHT1	PC	
002	ME397252.055	ARM COVER, FRONT	PC	3.00
003	ME397252.056	ARM COVER, REAR	PC	1.00
004	ME549000.019	RAPID HINGE R 6840	PC	4.00
005	V618.10-00-21	RAPID CLIP CONSOLE, FRONT	PC	3.00
006	V618.10-00-22	RAPID CLIP CONSOLE, REAR	PC	1.00
007	ME548241.019	CLIP, RAPID C 4412	PC	4.00
008	ME309543.088	THREADED FASTENER, M 3X5	PC	8.00
009	ME309251.078	THREADED FASTENER, M 3X8	PC	6.00
010	ME311120.032	NUT, M 5	PC	2.00
011	ME309201.001	THREADED FASTENER, M 5X50	PC	2.00
012	ME309255.044	THREADED FASTENER, M 4X10	PC	2.00
013	ME311180.015	NUT, M 4	PC	2.00
014	ME309251.094	THREADED FASTENER, M 3X10	PC	2.00

MECH. BRAKE ACCESSORY - V608.74-00-00.3



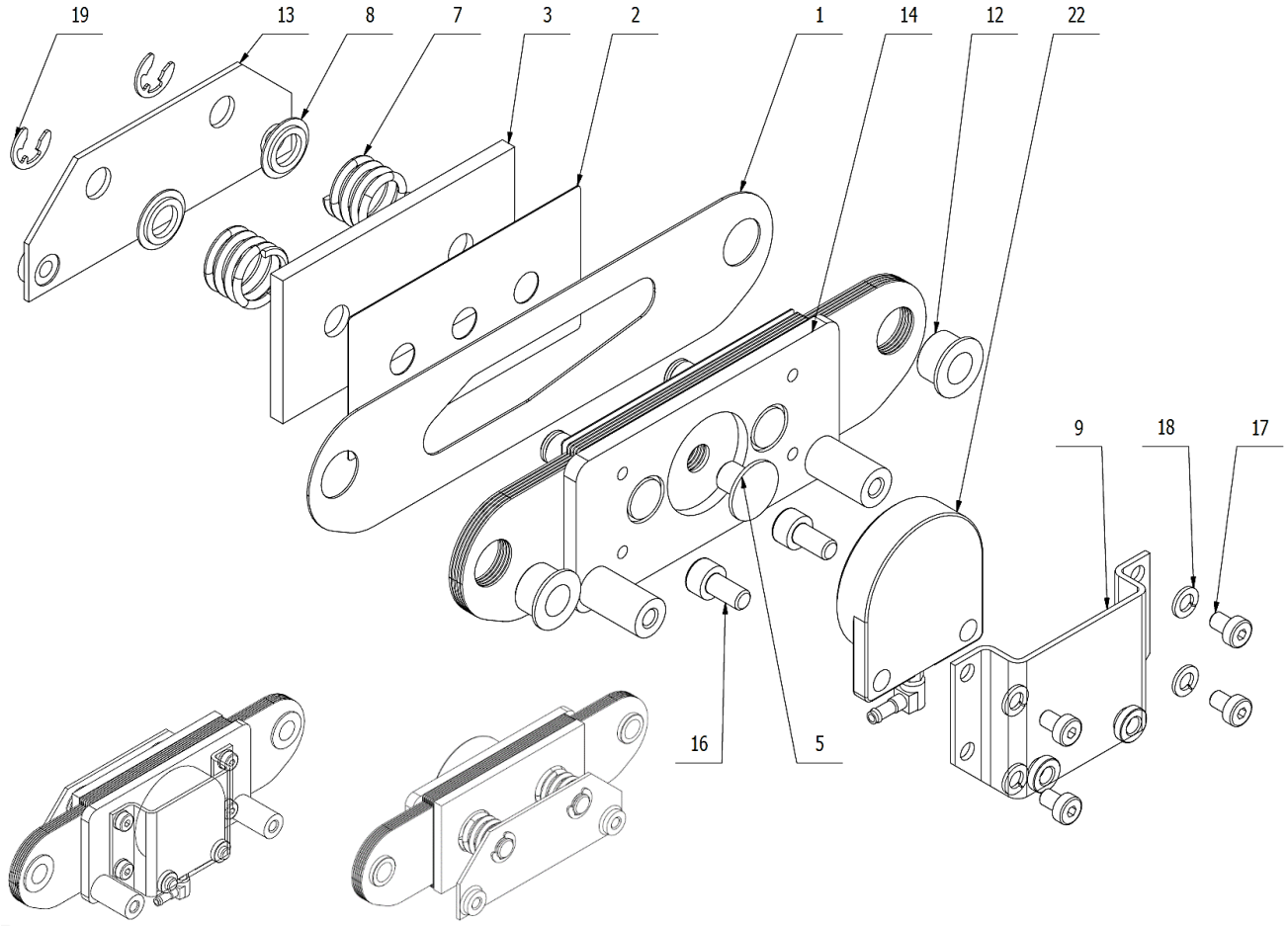
Pos.	Item no.	Product name	Unit	Quantity
001	V608.10-20-01.2	BRAKE BLOCK	PC	1.00
002	V618.10-20-02	WHEEL, COMPLETE	PC	1.00
003	V618.10-20-03	SPACER FOR MECHANICAL BRAKE	PC	1.00
004	V608.10-18-00.2	ARM CONNECTOR	PC	1.00

HANDLE – INSTALLATION - V622.28-70-00



Pos.	Item no.	Product name	Unit	Quantity
001	V622.28-00-12	HANDLE CONSOLE / WHT1	PC	1.00
002	ME321822.079	HANDLE COVER, RP 71991/60U white	PC	1.00
003	ME311120.019	NUT, M 10	PC	1.00
004	ME311214.005	WASHER, P 10.5	PC	1.00

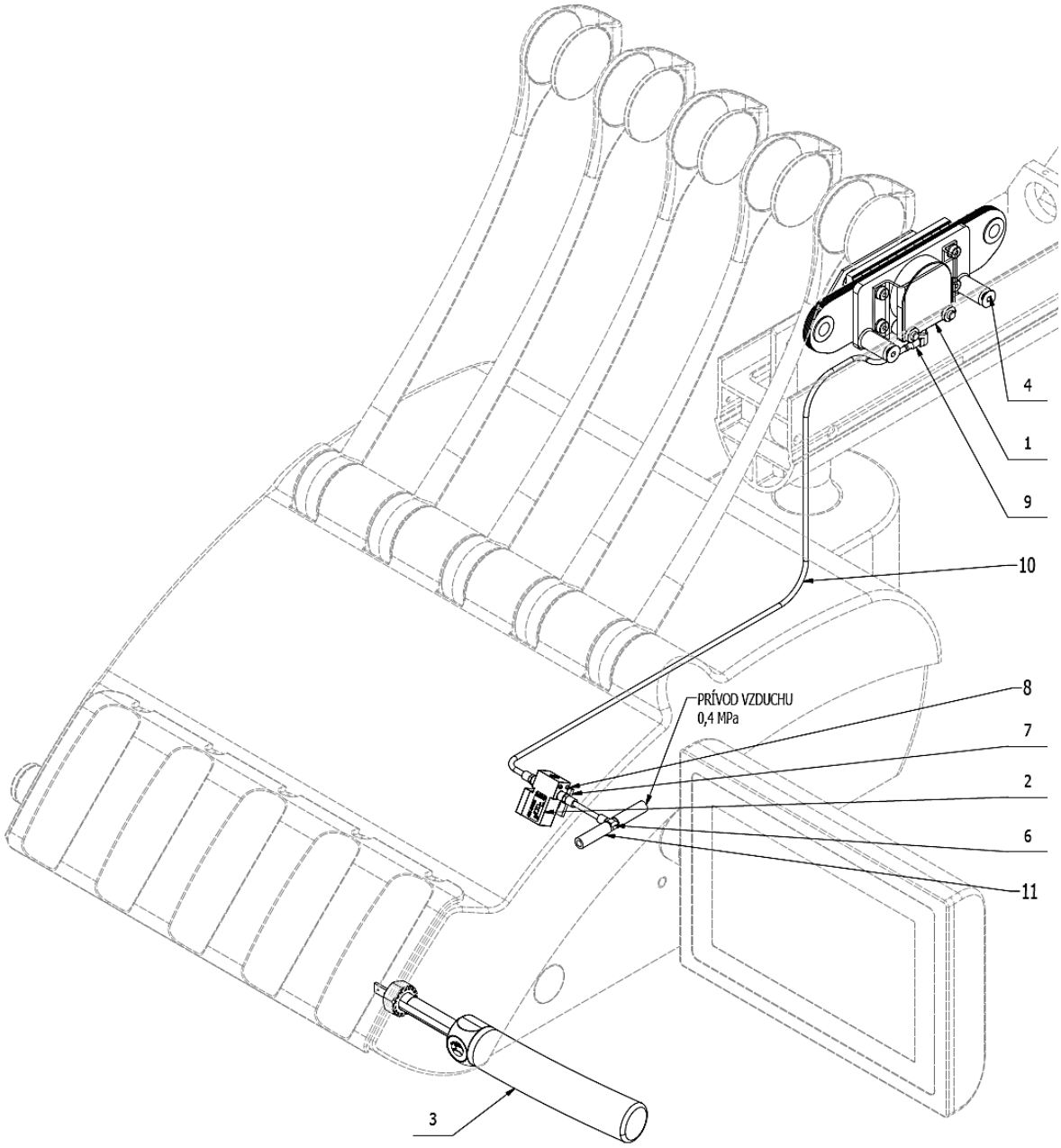
>>PNEUMATIC BRAKE - V608.10-06-00.1



Position	Item no.	Product name	Unit	Quantity
001	V608.10-06-01.3	LAMELLA - ROD	PC	6.00
002	V608.10-06-02.1	BRAKE LAMELLA	PC	7.00
003	V608.10-06-03.1	BRAKE PLATE 1	PC	1.00
005	V608.10-06-05	COMPRESSION STUD	PC	1.00
007	ME315000.097	PNEUMATIC BRAKE SPRING	PC	2.00
008	V608.10-06-08	BASE UNDER SPRING	PC	2.00
009	V608.10-06-09	MODULE HOLDER	PC	1.00
012	V608.10-06-12	PNEU. BRAKE LAMELLA BUSHING	PC	2.00
013	V608.10-13-00	BRAKE PLATE 2, COMPLETE	PC	1.00
014	V608.10-14-00.1	BRAKE PLATE 3, COMPLETE	PC	1.00
016	ME309543.058	THREADED FASTENER, M 5X10	PC	2.00
017	ME309543.108	THREADED FASTENER, M 4X6	PC	4.00
018	ME311214.041	WASHER, P 4.3	PC	4.00
019	ME311732.006	LOCK RING P 6	PC	2.00
022	ME389181.066	TAB LEBRAKE WITH CONNECTION (EV-)	PC	1.00

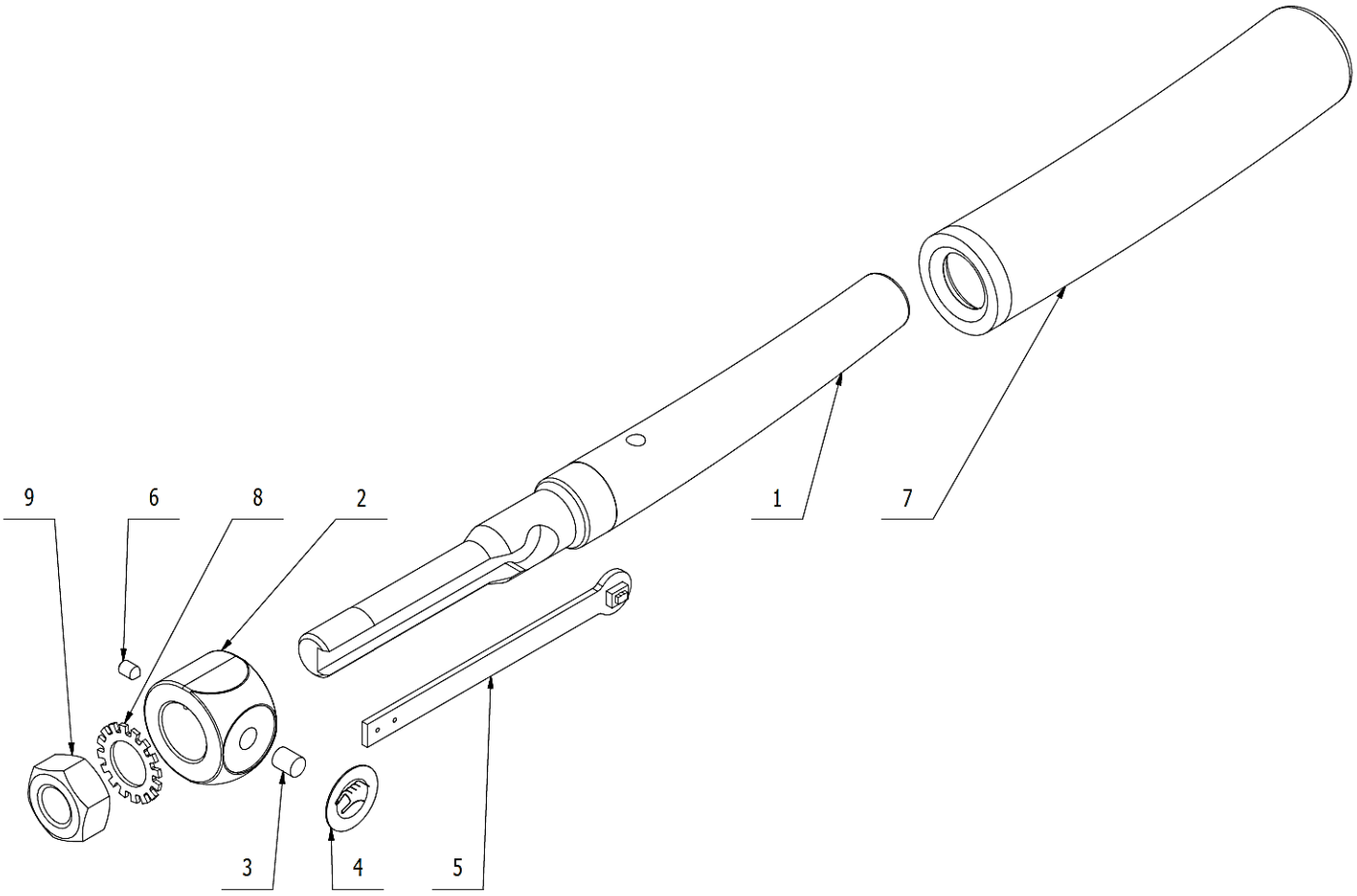
PNEUMATIC BRAKE ACCESSORY - V630.74-00-00

Valid for DA270



Pos.	Item no.	Product name	Unit	Quantity
001	V608.10-06-00.1	PNEUMATIC BRAKE	PC	1.00
002	ME551114.005	3-WAY VALVE 833-630 922	PC	1.00
003>>	V630.74-03-00	HANDLE WITH BUTTON / WHT1	PC	1.00
004	ME307991.004	THREADED FASTENER, M 5X12	PC	4.00
006	ME336401.027	ADAPTER T230/210-1	PC	1.00
007	ME345711.034	CLAMP, F0505 HC 101	PC	1.00
008	ME397900.012	CABLE TIE, F 0301 CV-094	PC	7.00
009	V608.45-00-08	LOCK RING, 1	PC	4.00
010	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	0.89
011	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.02

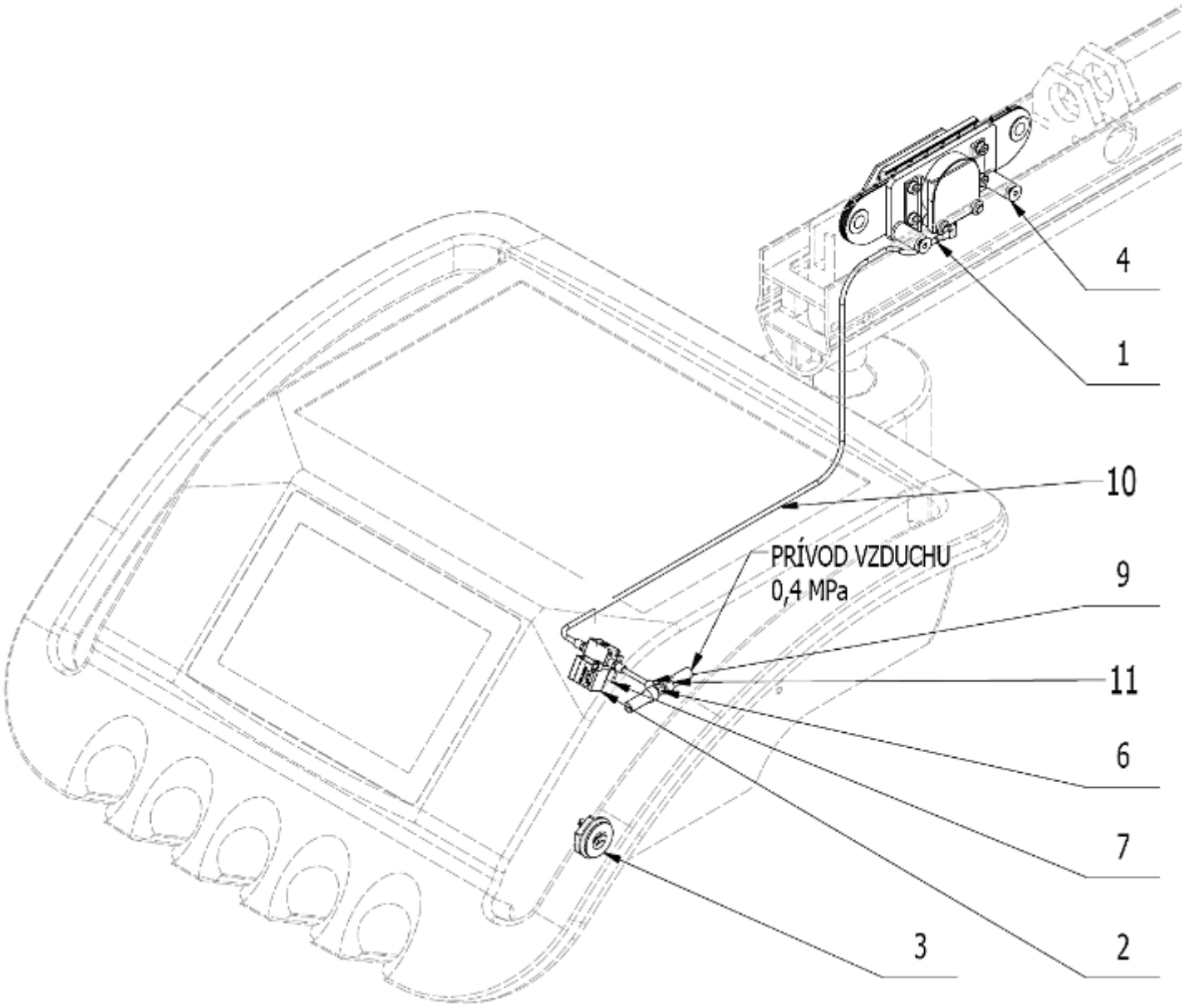
>>HANDLE WITH BUTTON - V630.74-03-00



Pos.	Item no.	Product name	Unit	Quantity
001	V630.74-03-01	HANDLE CONSOLE / WHT1	PC	1.00
002	V630.74-03-02	RING / WHT1	PC	1.00
003	V630.74-03-03	SWITCH PIN	PC	1.00
004	ME735552.182	BRAKE FOIL, P15, WHITE	PC	1.00
005	ME374000.321	BRAKE 1 MODULE	PC	1.00
006	ME309281.090	THREADED FASTENER, M 3X5	PC	1.00
007	ME321822.079	HANDLE COVER, RP 71991/60U white	PC	1.00
008	ME311214.005	WASHER, P 10.5	PC	1.00
009	ME311120.019	NUT, M 10	PC	1.00

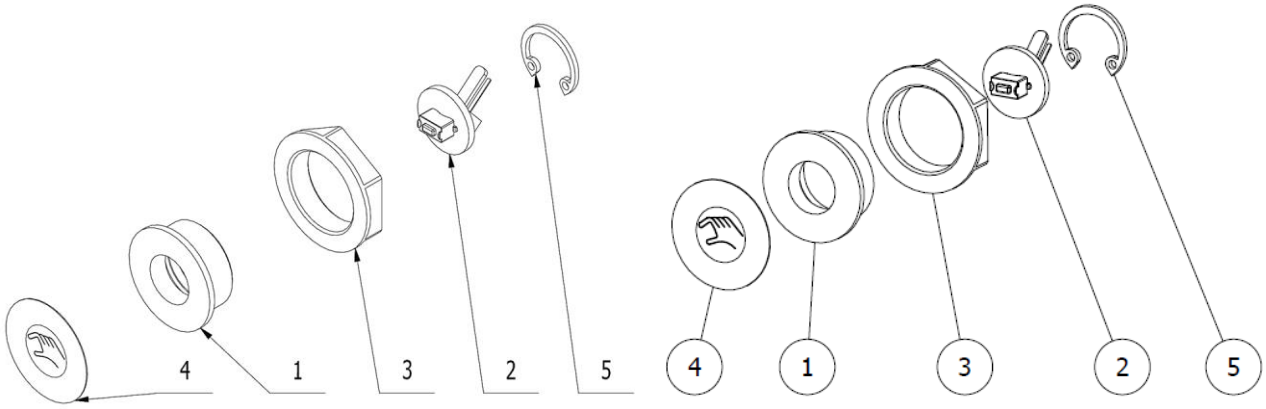
PNEUMATIC BRAKE ACCESSORY - V629.74-00-00

Valid for DA280



Pos.	Item no.	Product name	Unit	Quantity
001	V608.10-06-00.1	PNEUMATIC BRAKE	PC	1.00
002	ME551114.005	3-WAY VALVE 833-630 922	PC	1.00
003>>	V629.74-03-00	BRAKE BUTTON	PC	1.00
004	ME307991.004	THREADED FASTENER, M 5X12	PC	4.00
006	ME336401.027	ADAPTER T230/210-1	PC	1.00
007	ME345711.034	CLAMP, F0505 HC 101	PC	1.00
009	V608.45-00-08	LOCK RING, 1	PC	4.00
010	ME345711.024	HOSE, PUR 1.5/2.7 BLUE	m	0.89
011	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.02
901	V629.74-90-01	BRAKE BUTTON CABLE	PC	1.00
902	ME397900.012	CABLE TIE, F 0301 CV-094	PC	7.00

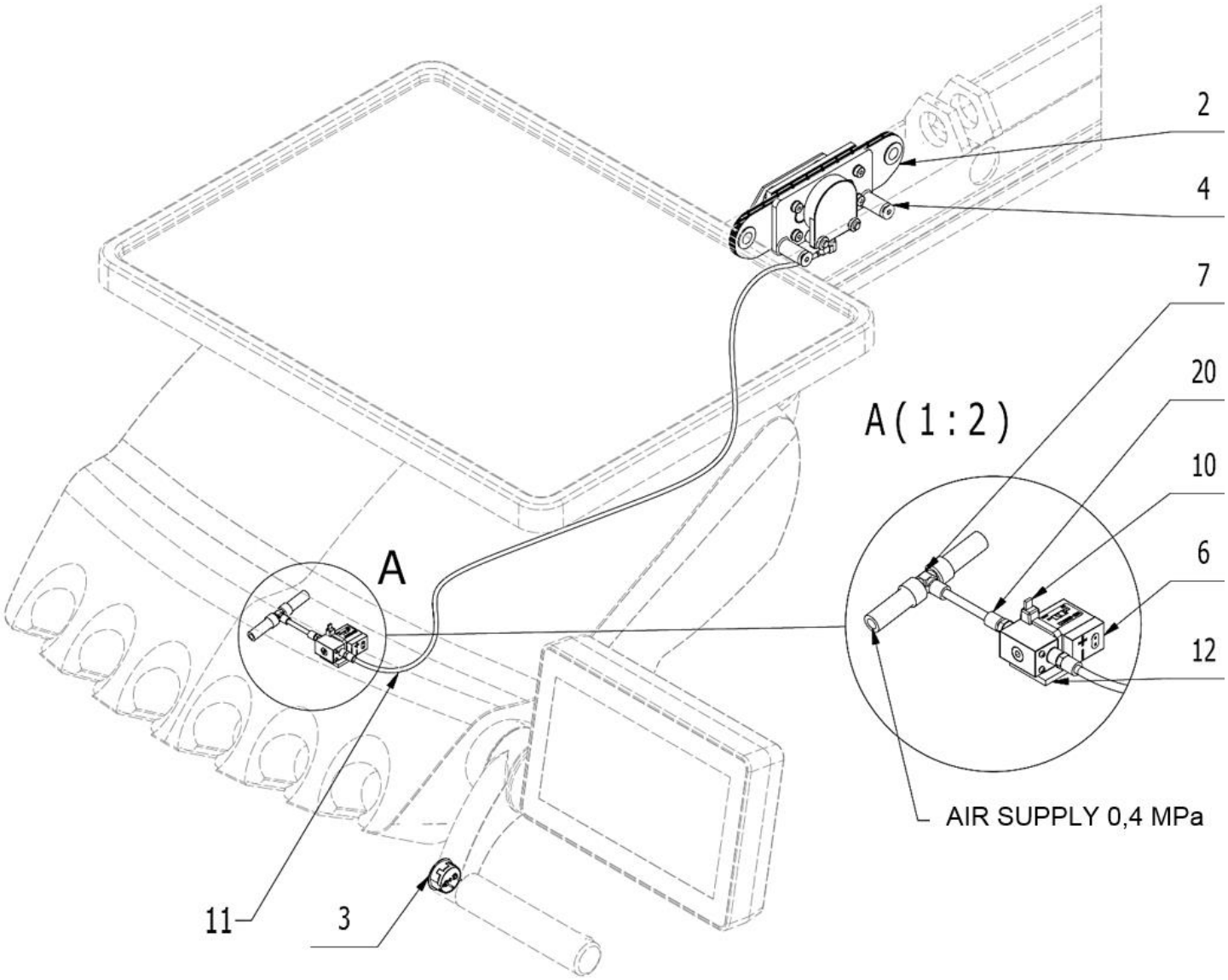
>>BRAKE BUTTON - V629.74-03-00



Position	Item no.	Product name	Unit	Quantity
001	V629.74-03-01	SWITCH BODY	PC	1.00
002	ME374000.284	TL1 MODULE	PC	1.00
003	V629.74-03-03	NUT	PC	1.00
004	ME735552.183	BRAKE FOIL, WHITE, 21.8	PC	1.00
005	ME311733.031	LOCK RING P 14	PC	1.00

PNEUMATIC BRAKE ACCESSORY - V608.74-00-00.5 K-002

Valid for DA370, DA380



Position	Item no.	Product name	Unit	Quantity
002	V608.10-06-00.1	PNEUMATIC BRAKE	PC	1,00
003	ME345001.003	BUTTON ANTIVANDAL IP 65	PC	**OPTION**
004	ME307991.004	SCREW M 5X12	PC	4,00
006	ME551114.005	3-WAY VALVE 833-630 922	PC	1,00
007	ME336401.027	T HOSE BARB FITTING T230/210-1	PC	1,00
010	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1,00
011	ME345711.024	HOSE PUR 1,5/2,7 BLUE	m	0,89
012	ME345711.034	CLAMP, F0505 HC 101	PC	1,00
020	V608.45-00-08	LOCK RING 1	PC	6,00

Instructions to adjust the articulated arm:

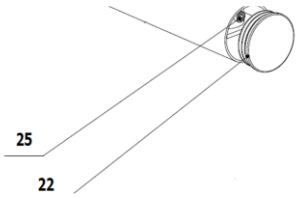
►**Brake adjustment for vertical motion:**

- Remove the cover (position 17)
- tighten or loosen the threaded adjuster using a hex spanner as needed (position 14)

Note: the brake is only used for fine correction of the force necessary to bear the defined load or force necessary to move the arm in a vertical direction and in a scope of max. 0.5 kg.

►**Brake adjustment for rotation:**

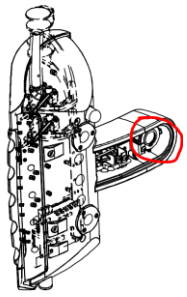
- remove the cover on the load-bearing frame (position 22 or 16)



- tighten or loosen the threaded adjuster using a hex spanner as needed (position 25).

►**Articulated arm cover removal**(refer to V622.28-00-00 for the position)**:**

- disconnect the hoses and wiring harnesses routed through the articulated arm from the dentist's control panel.
- Remove the dentist's control panel from the stud (position 1) (remove the lock ring (position 45) in V622.28-00-00).



- Remove the cover (position 8) from the cover (position 22 or 16).
- Remove the 4 screws (position 15)
- Remove the pins (position 7) to loosen the cover (position 8) from the remainder of the articulated arm mechanism.
- Move the pin (position 1) forward into a level position.
- Move the loose cover (position 8) from the articulated arm mechanism forward.
- Reverse the disassembly procedure to install the cover.

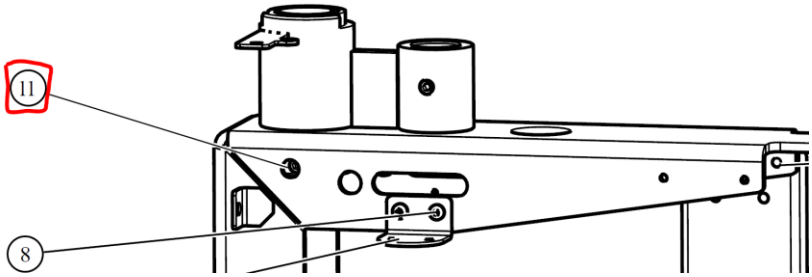
►**Spring tension adjustment:**

after completing the steps in the "Articulated arm cover removal" procedure, the spring (position 18) tension may be adjusted using the nut (position 10) and thereby the bearing capacity of the articulated arm.

►**Damaged stop pin replacement (position 19):**

- disconnect the hoses and wiring harnesses routed through the articulated arm from the spittoon block.
- Release the brake screw (position 11) in V622.60-01-00

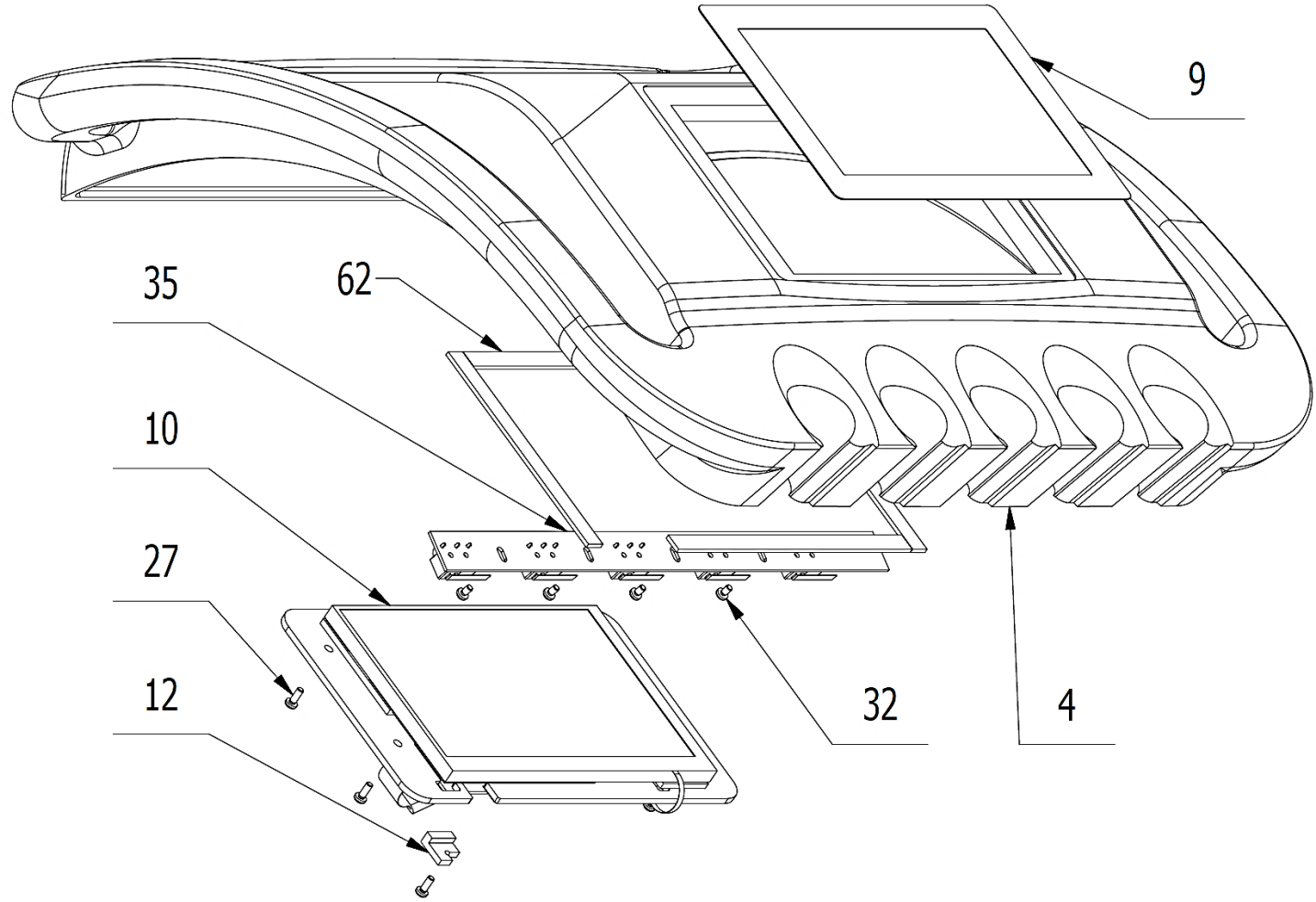
SPITTOON BLOCK FRAME V622.60-01-00

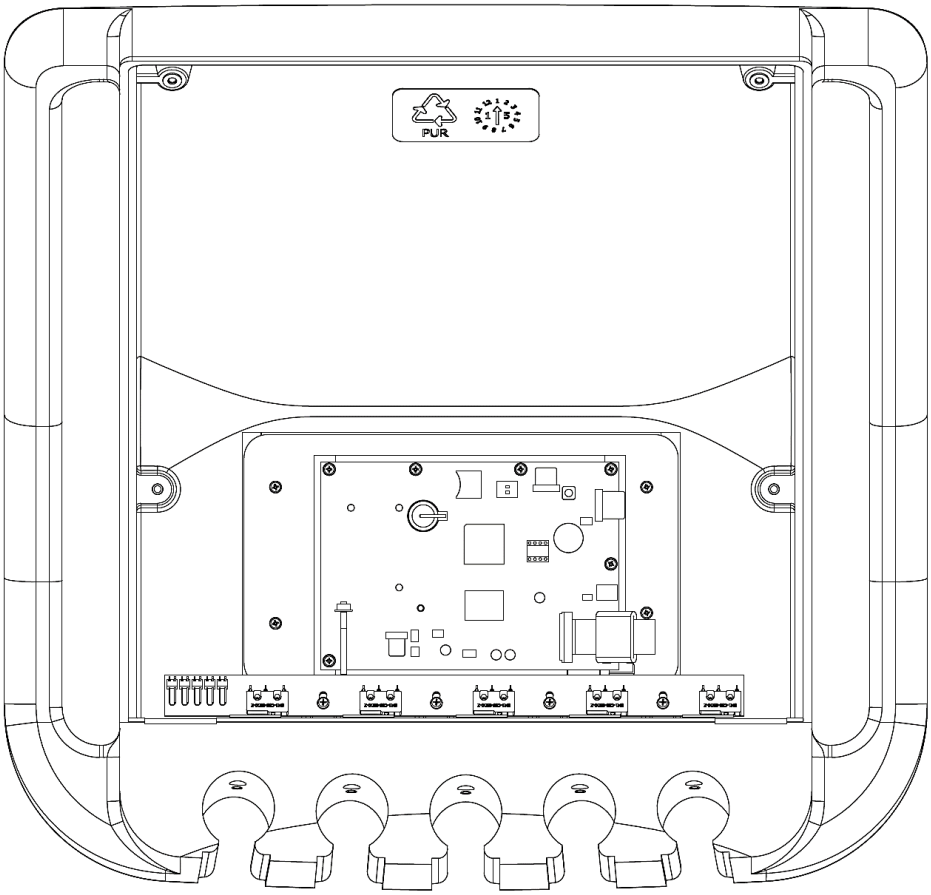


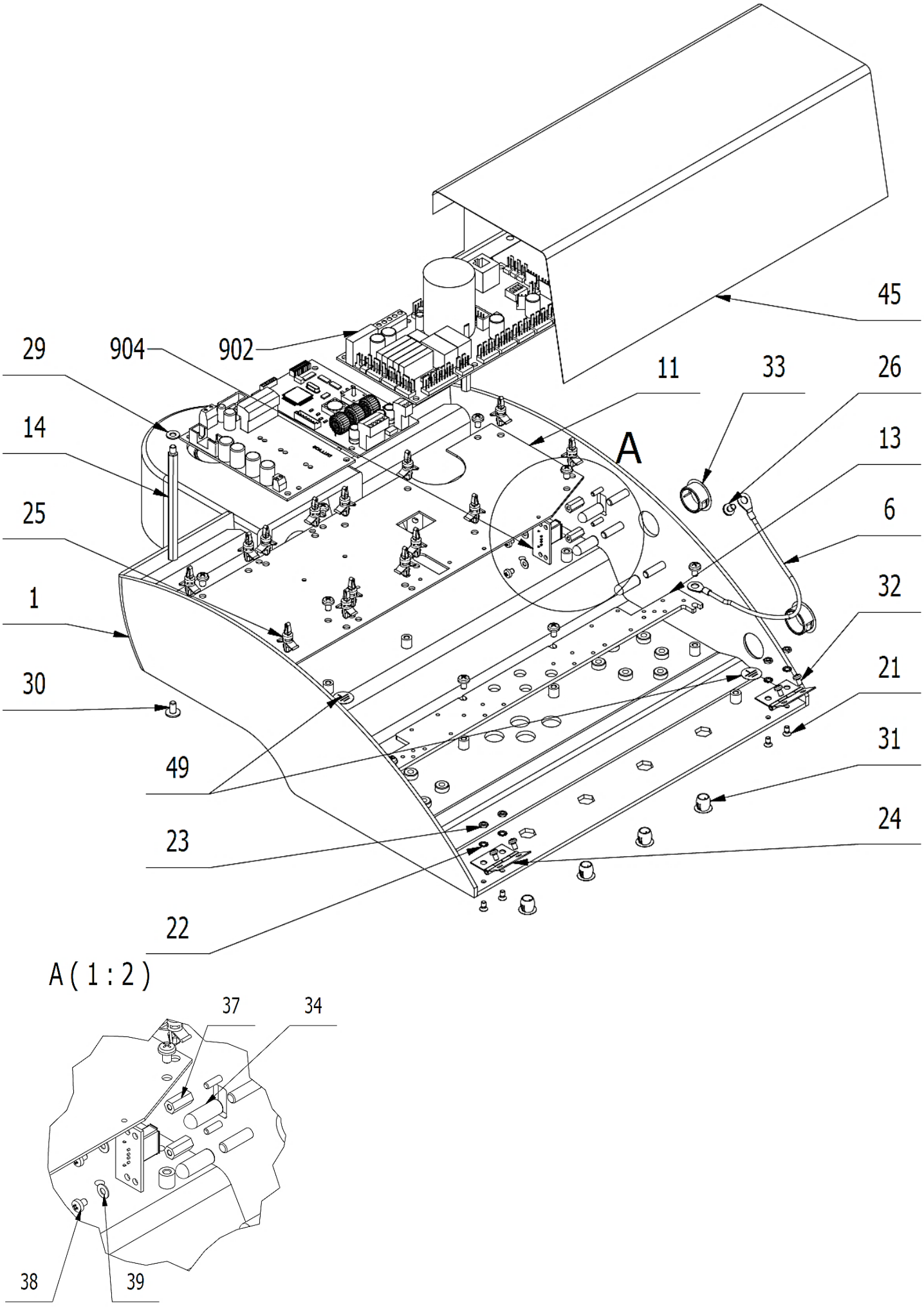
- Raise the articulated arm up and pull away from the spittoon block.
- If the damaged pin (position 19) cannot be pulled out, then push it inside the arm.
- Install the new pin into the Ø 6 opening, leaving 6.5 mm in length protruding outward to ensure the stop properly fulfils its function.
- Reverse the disconnection procedure to reattach the articulated arm to the spittoon block.

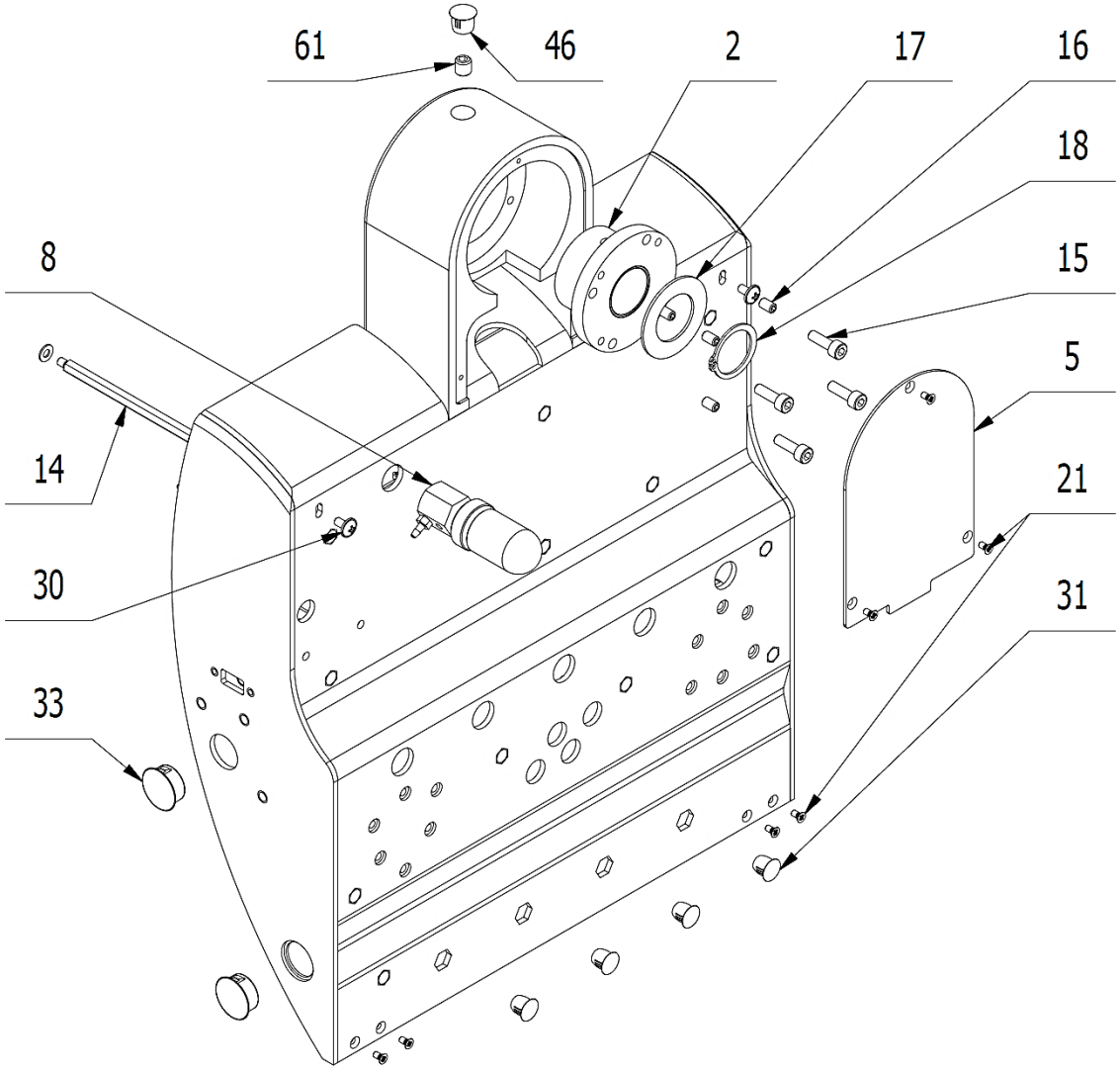
E1 – DA280 CONTROL PANEL (Bottom hose routing)

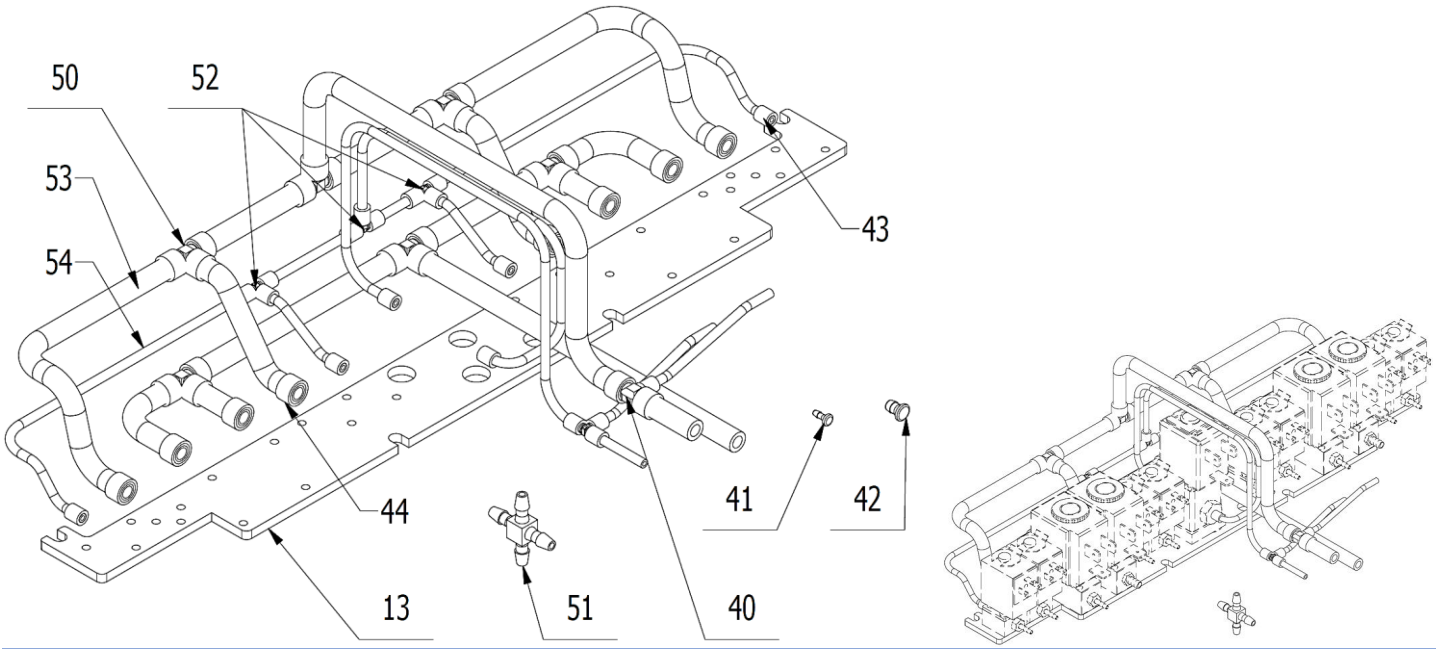
E1.1 - DA280 (Resistive screen) - V629.28-00-00






45
29
904
902
11
33
26
14
A
13
25
6
1
32
30
21
49
31
23
24
22
A (1 : 2)
37
34
38
39





Position	Item no.	Product name	Unit	Quantity.
001	V629.28-01-00	BASIC TABLE	PC	1.00
002	V629.28-02-00	ARTICULATED ARM HOLDER	PC	1.00
004	V629.28-04-00	DENTIST'S TABLE COVER	PC	1.00
005	V629.28-00-05	HOLDER COVER	PC	1.00
006	V629.28-06-00	LINE	PC	1.00

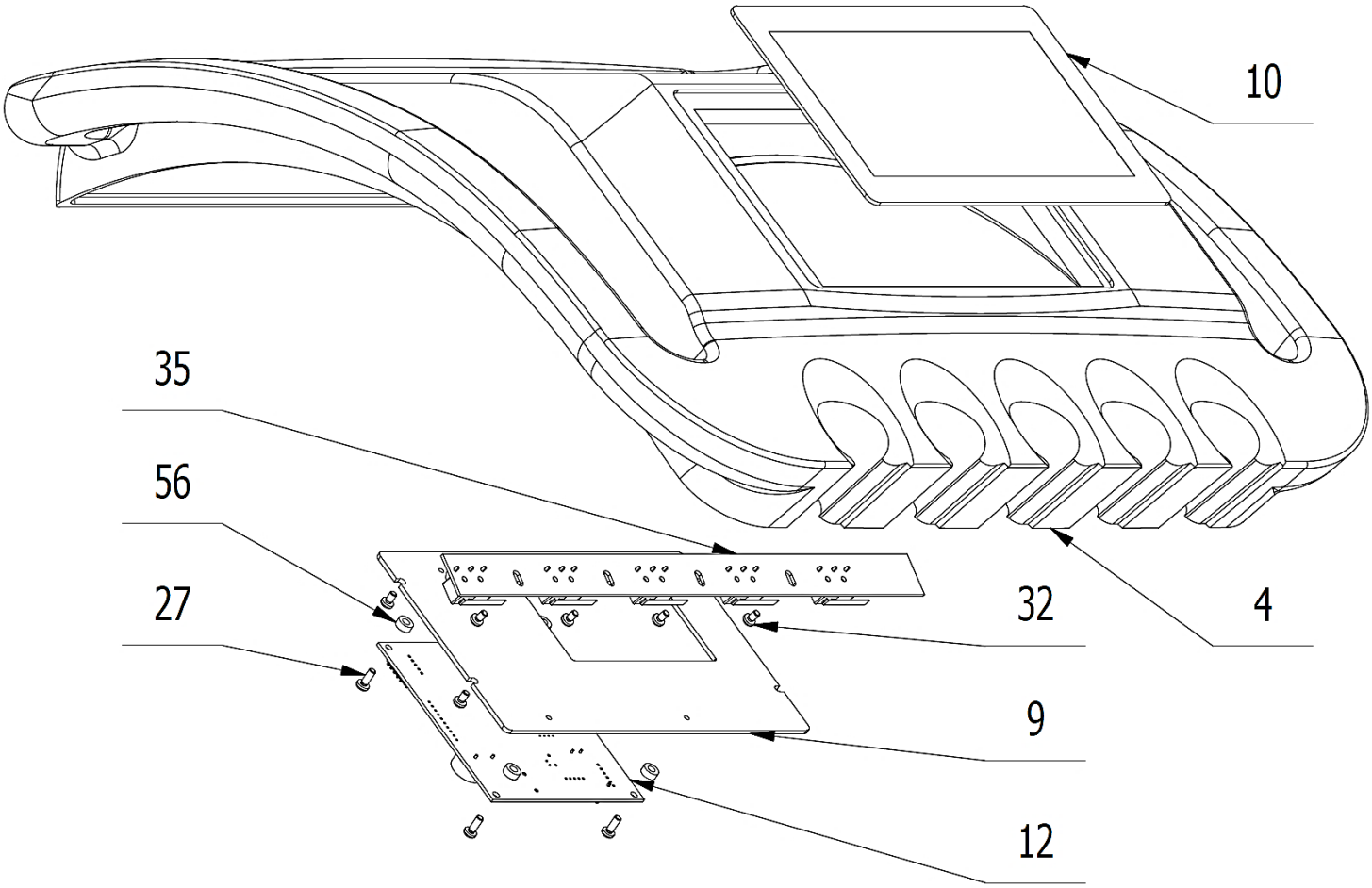
008>>	V622.28-69-00	TANK, COMPLETE	PC	1.00
009	ME735552.178	FOIL FOR 7” DISPLAY, GREY	PC	1.00
010	ME374000.402	DISPLAY, COMPLETE, LUX 2.X	PC	1.00
011	V629.28-00-11	ELECTRONICS BOARD	PC	1.00
012	V629.28-00-12	STOP	PC	1.00
013	V629.28-00-13	PLATE FOR VALVES	PC	1.00
014	V629.28-00-14	COVER POST	PC	2.00
015	ME309231.073	THREADED FASTENER, M 5X16	PC	4.00
016	ME309287.033	THREADED FASTENER, M 5X8	PC	4.00
017	ME323427.026	SLEEVE, A 26 KU	PC	1.00
018	ME311733.011	LOCK RING P 25	PC	1.00
021	ME309543.071	THREADED FASTENER, M 3x6	PC	7.00
022	ME311214.007	WASHER, P 3.2	PC	4.00
023	ME311210.019	NUT, M 3	PC	4.00
024	ME549000.022	ARTICULATED HINGE, 30X30-galvanised	PC	2.00
025	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	14.00
026	ME309255.073	THREADED FASTENER, M 4X6	PC	11.00
027	ME309255.036	THREADED FASTENER, M 3X8	PC	5.00
029	ME311210.028	WASHER, P 4.3	PC	2.00
030	ME309251.097	THREADED FASTENER, M 4X8, DECORATIVE	PC	2.00
031	ME321000.108	HOLE COVER, 237C, WHITE	PC	4.00
032	ME309543.088	THREADED FASTENER, M 3X5	PC	8.00
033	V629.28-00-33	PLUG, domed, white 19x23.2x10.3 / WHT1	PC	2.00
034	ME321000.116	COVER, FLEXI FOR M5	PC	3.00
035	ME374000.320	SENS_LUX3 MODULE	PC	1.00
037	ME371418.038	SPACER POST, DSMM, M3x12, plastic	PC	2.00
038	ME309255.081	THREADED FASTENER, M 3X4	PC	2.00
039	ME311210.040	WASHER, P 3.2	PC	2.00
040	ME336401.027	ADAPTER T230/210-1	PC	2.00
041	ME336401.035	PLUG, PIP 210-1	PC	1.00
042	ME336401.037	PLUG, PIP 230-1	PC	2.00
043	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.02
044	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.03
045	V629.28-00-45	FOIL	PC	1.00
046	ME321000.111	PLUG 11x13.5x10.3 - WHITE	PC	1.00
049	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	2.00
050	ME336401.029	ADAPTER T230-1	PC	5.00
051	ME336401.032	ADAPTER 4PX230-1	PC	1.00
052	ME336401.015	ADAPTER T210-1	PC	2.00
053	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.56
054	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.27
061	ME309287.019	THREADED FASTENER, M 8X8	PC	1.00
062	ME278511.007	SELF-ADHESIVE TAPE, 9X2 WHITE 20 M	m	0.60
902	ME374000.399	MB_LUX14 MODULE 2.X	PC	1.00
904	ME374000.326	USB-ASSEMBLY_LUX	PC	1.00
905	ME374010.066	CABLE DP-MB_LUX	PC	1.00
906	ME374010.067	CABLE MB-SENS_LUX3	PC	1.00
907	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	1.00
908	ME397900.012	CABLE TIE, F 0301 CV-094	PC	15.00

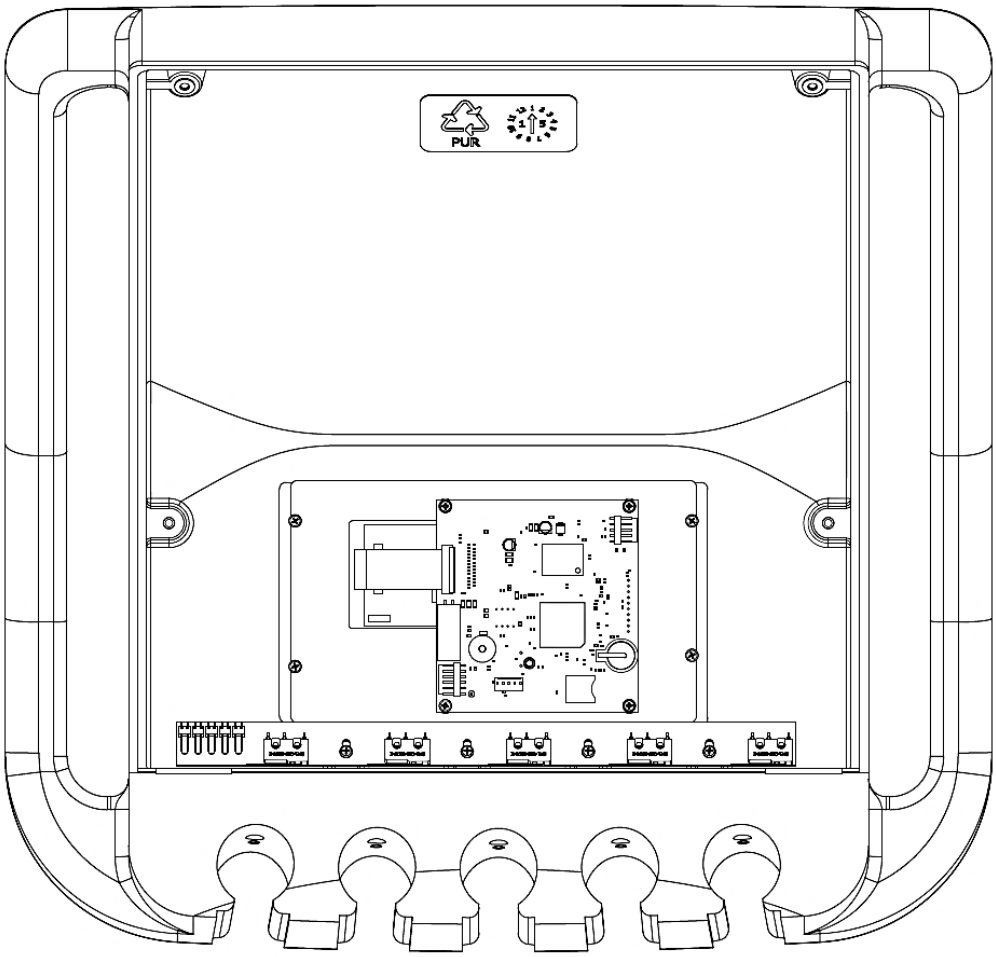
909	ME345711.034	CLAMP, F0505 HC 101	PC	5.00
930	V629.28-90-30	CONTROL PANEL WIRING HARNESS	PC	**VOĽBA**

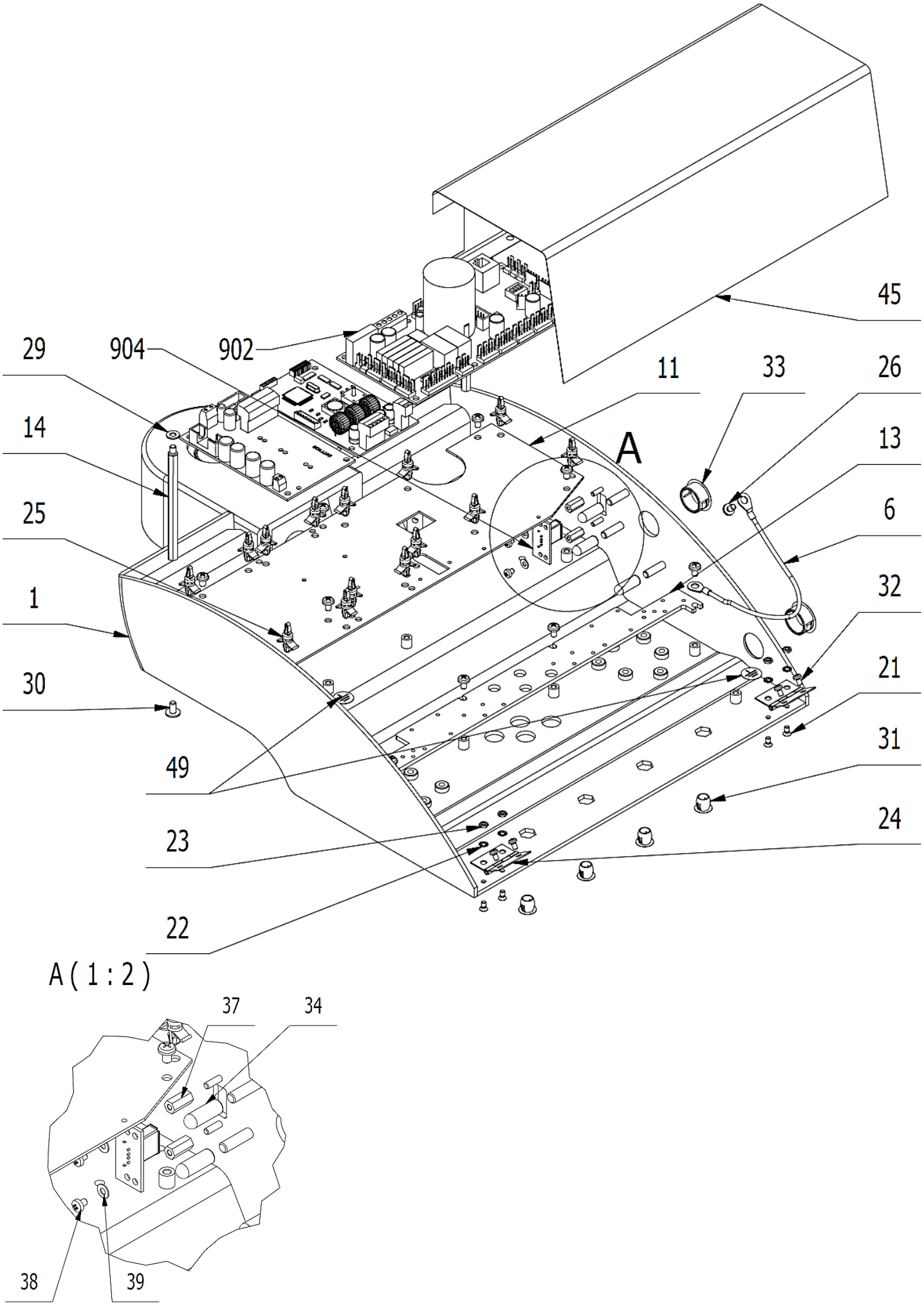


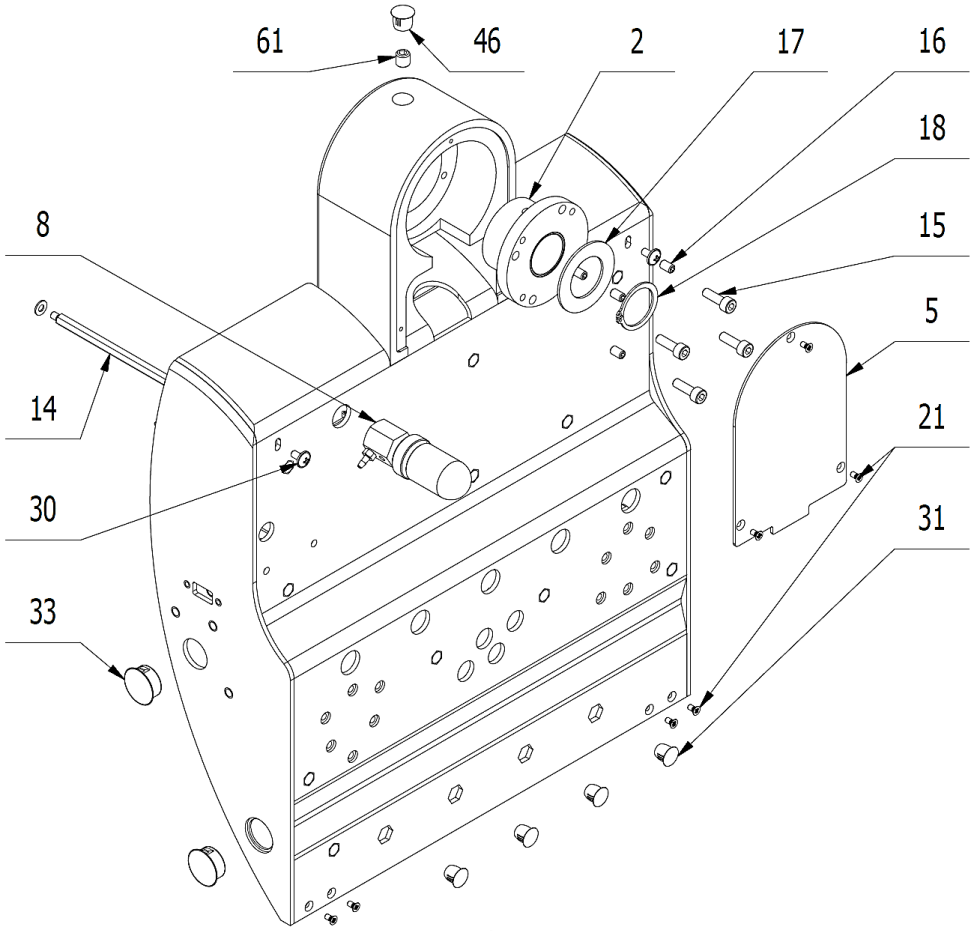
The following steps are necessary when replacing the resistive screen - DISPLAY, COMPLETE, DA280_LUX 2.X (ME374000.402):
open the panel and unscrew the 4 x M3x5 threaded fasteners
A FOIL is attached to the front of the 7” DISPLAY (ME735552.178).
It is recommended to order the foil and the display for replacement purposes.

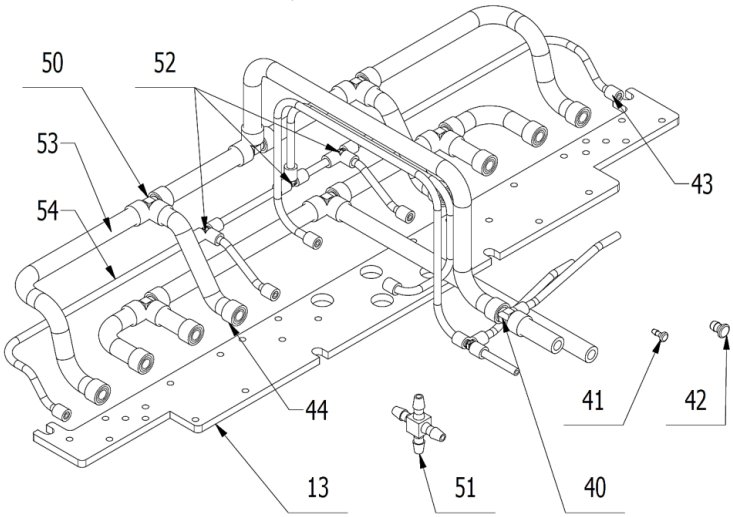
E1.2 - DA280 (Capacitative screen) - V629.30-00-00 K-001

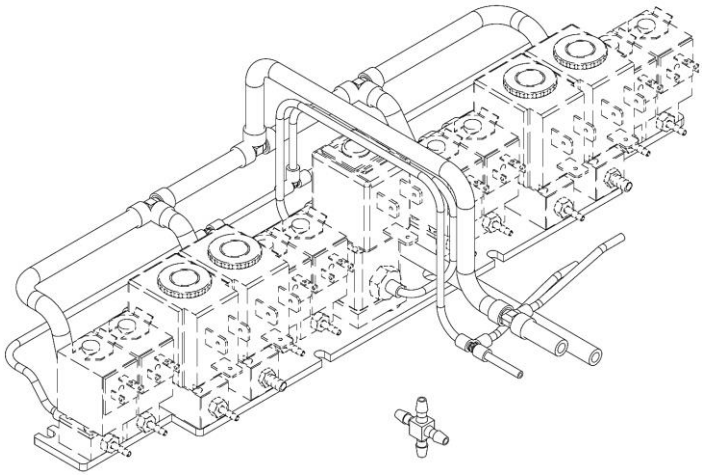





45
29
904
902
11
33
26
14
A
13
25
6
1
32
30
21
49
31
23
24
22
A (1 : 2)
37
34
38
39



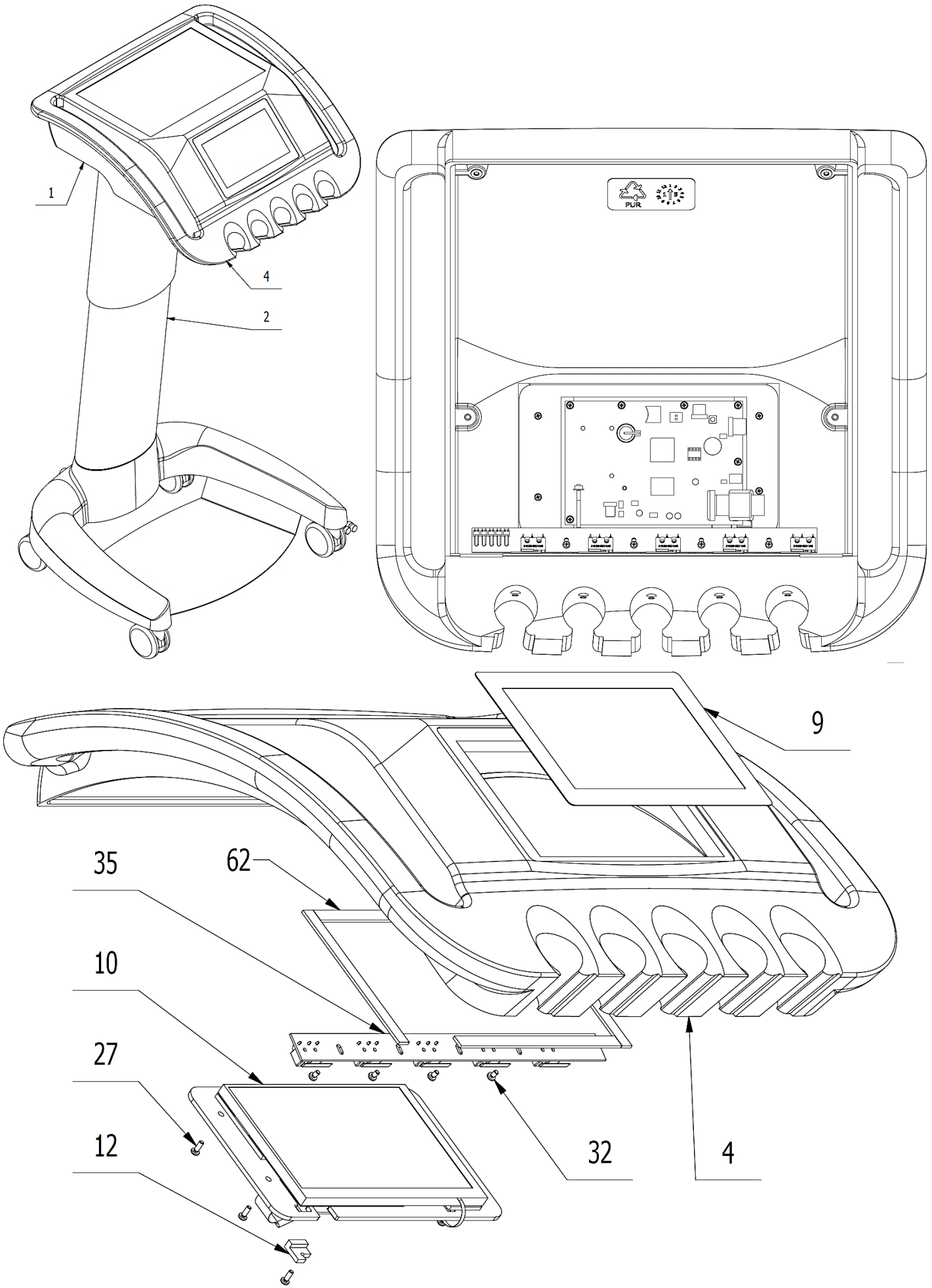


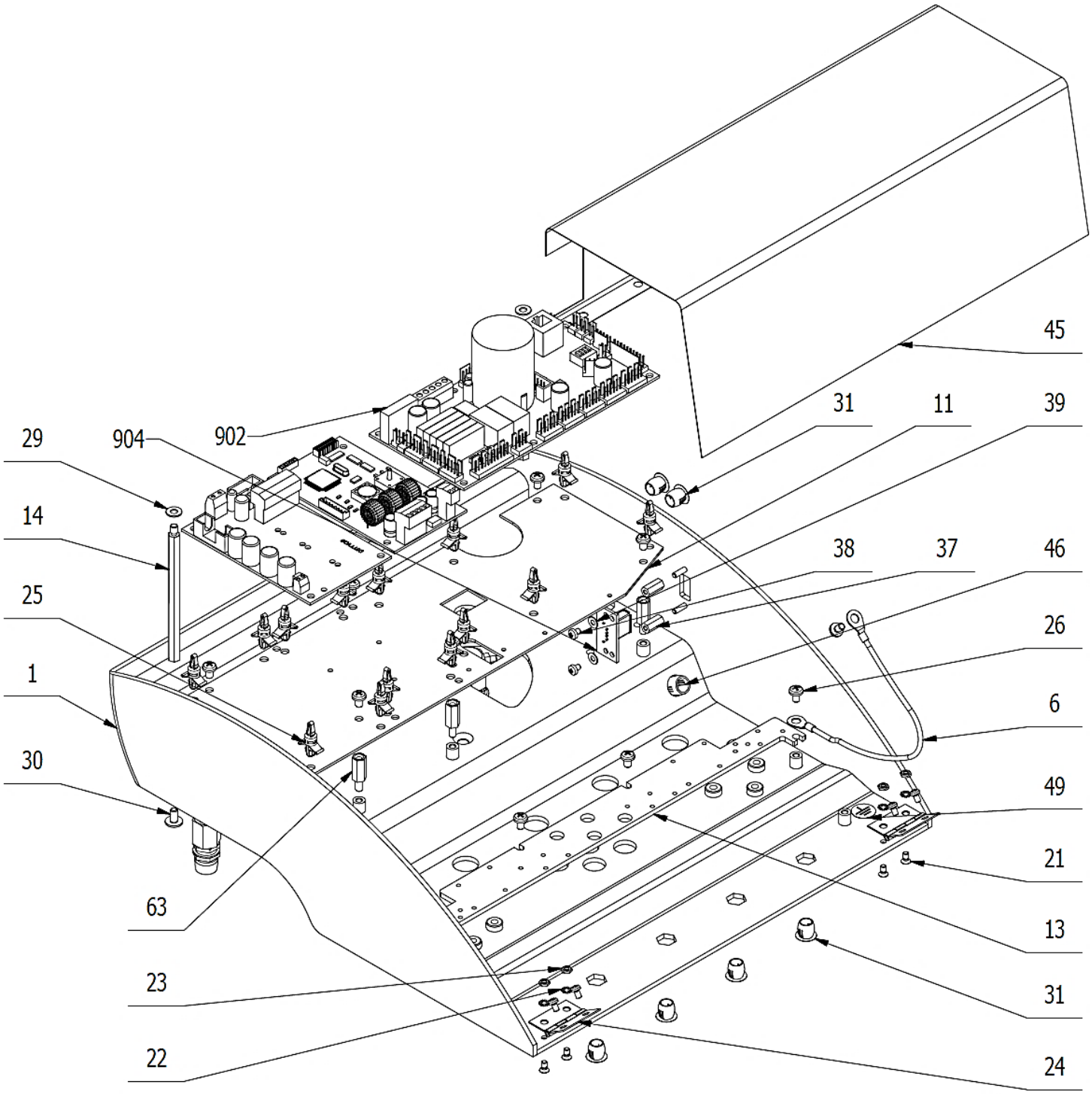


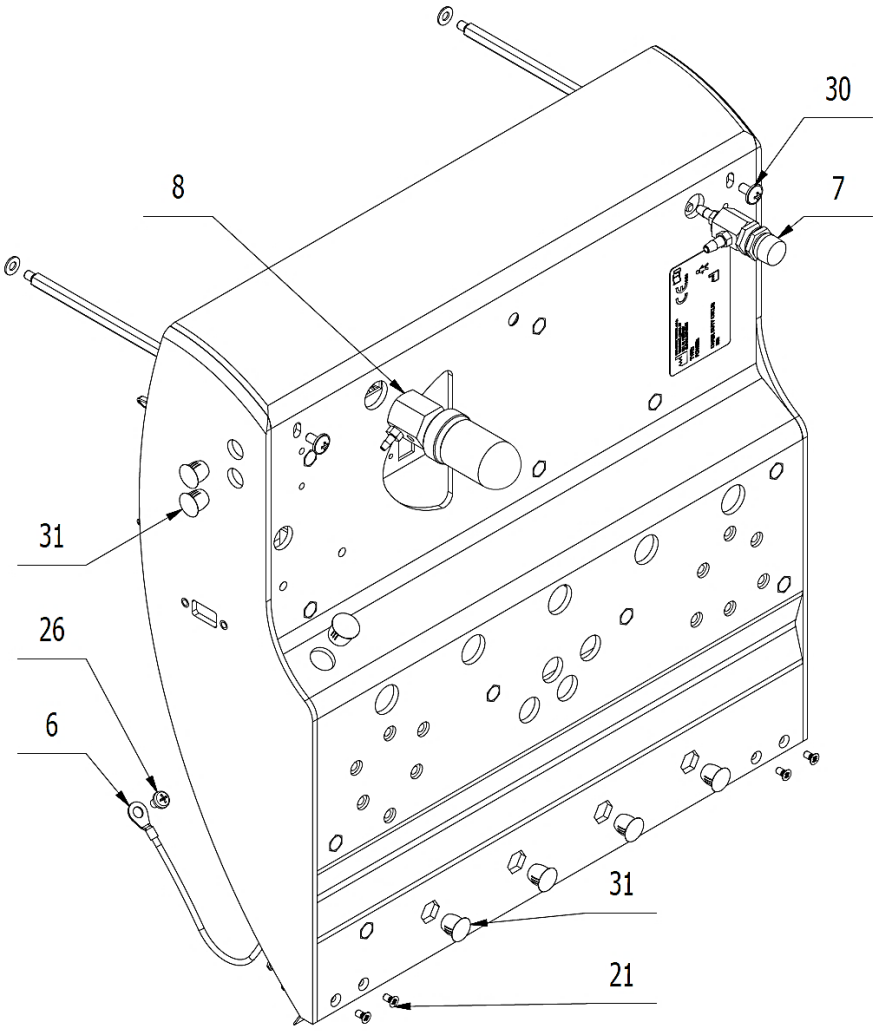
Pos.	Item no.	Product name	Unit	Množ.
001	V629.28-01-00	BASIC TRAY / WHT1	PC	1.00
002	V629.28-02-00	ARTICULATED ARM HOLDER / WHT1	PC	1.00
004	V629.30-04-00	DENTIST'S TABLE COVER - MODIFIED / DENTIST'S TABLE COVER - MODIFIED	PC	1.00
005	V629.28-00-05	HOLDER COVER / WHT1	PC	1.00
006	V629.28-06-00	LINE	PC	1.00
008>>	V622.28-69-00	TANK, COMPLETE	PC	1.00
009	V629.30-00-09	DB LUX MODULE BOARD	PC	1.00
010	ME345571.057	CAPACITATIVE SCREEN	PC	1.00
011	V629.28-00-11	ELECTRONICS BOARD	PC	1.00
012	ME374000.401	DP_LUX9 2.X MODULE	PC	1.00
013	V629.28-00-13	PLATE FOR VALVES	PC	1.00

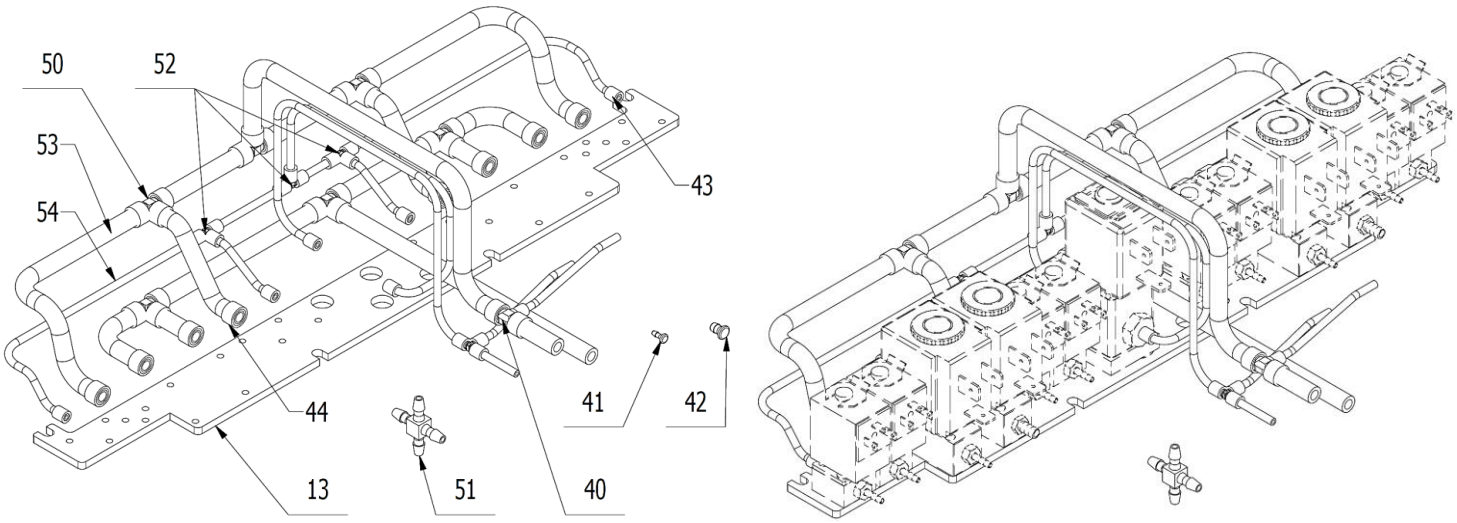
014	V629.28-00-14	COVER POST	PC	2.00
015	ME309231.073	THREADED FASTENER, M 5X16	PC	4.00
016	ME309287.033	THREADED FASTENER, M 5X8	PC	4.00
017	ME323427.026	SLEEVE, A 26 KU	PC	1.00
018	ME311733.011	LOCK RING P 25	PC	1.00
021	ME309543.071	THREADED FASTENER, M 3x6	PC	7.00
022	ME311214.007	WASHER, P 3.2	PC	4.00
023	ME311210.019	NUT, M 3	PC	4.00
024	ME549000.022	ARTICULATED HINGE, 30X30-galvanised	PC	2.00
025	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	14.00
026	ME309255.073	THREADED FASTENER, M 4X6	PC	11.00
027	ME309255.036	THREADED FASTENER, M 3X8	PC	4.00
029	ME311210.028	WASHER, P 4.3	PC	2.00
030	ME309251.097	THREADED FASTENER, M 4X8, DECORATIVE	PC	2.00
031	ME321000.108	HOLE COVER, 237C, WHITE	PC	4.00
032	ME309543.088	THREADED FASTENER, M 3X5	PC	12.00
033	V629.28-00-33	PLUG, domed, white 19x23.2x10.3 / WHT1	PC	2.00
034	ME321000.116	COVER, FLEXI FOR M5	PC	3.00
035	ME374000.320	SENS_LUX3 MODULE	PC	1.00
037	ME371418.038	SPACER POST, DSMM, M3x12, plastic	PC	2.00
038	ME309255.081	THREADED FASTENER, M 3X4	PC	2.00
039	ME311210.040	WASHER, P 3.2	PC	2.00
040	ME336401.027	ADAPTER T230/210-1	PC	1.00
041	ME336401.035	PLUG, PIP 210-1	PC	1.00
042	ME336401.037	PLUG, PIP 230-1	PC	2.00
043	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.02
044	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.03
045	V629.28-00-45	FOIL	PC	1.00
046	ME321000.111	PLUG 11x13.5x10.3 - WHITE	PC	1.00
049	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	2.00
050	ME336401.029	ADAPTER T230-1	PC	5.00
051	ME336401.032	ADAPTER 4PX230-1	PC	1.00
052	ME336401.015	ADAPTER T210-1	PC	2.00
053	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.56
054	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.27
056	ME371418.008	SPACER POST, KDR 03	PC	4.00
061	ME309287.019	THREADED FASTENER, M 8X8	PC	1.00
901	ME341419.024	STRIPED WIRE, 51 mm	PC	1.00
902	ME374000.399	MB_LUX14 MODULE 2.X	PC	1.00
904	ME374000.326	USB-ASSEMBLY_LUX	PC	1.00
905	ME374010.066	CABLE DP-MB_LUX	PC	1.00
906	ME374010.067	CABLE MB-SENS_LUX3	PC	1.00
907	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	1.00
908	ME397900.012	CABLE TIE, F 0301 CV-094	PC	15.00
909	ME345711.034	CLAMP, F0505 HC 101	PC	5.00
910	ME205292.009	FERRITE FS-2	PC	1.00
911	V629.30-90-01	WIRE, GNYE	PC	1.00

E1.3 - DA280 CART (Resistive screen) - V629.28-00-00.1




45
31
11
39
29
904
902
14
38
37
46
25
26
1
6
30
49
21
63
13
23
31
22
24

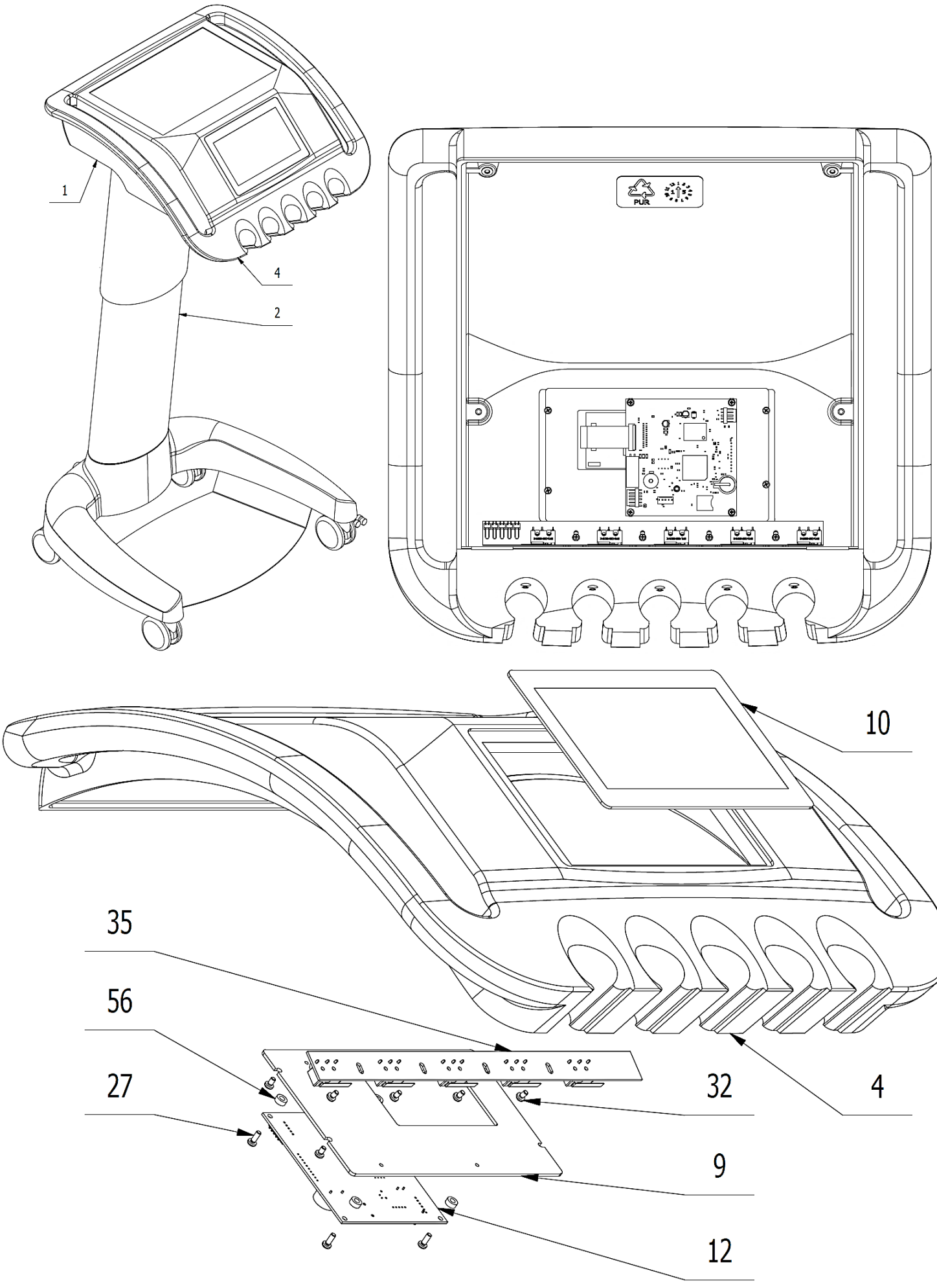


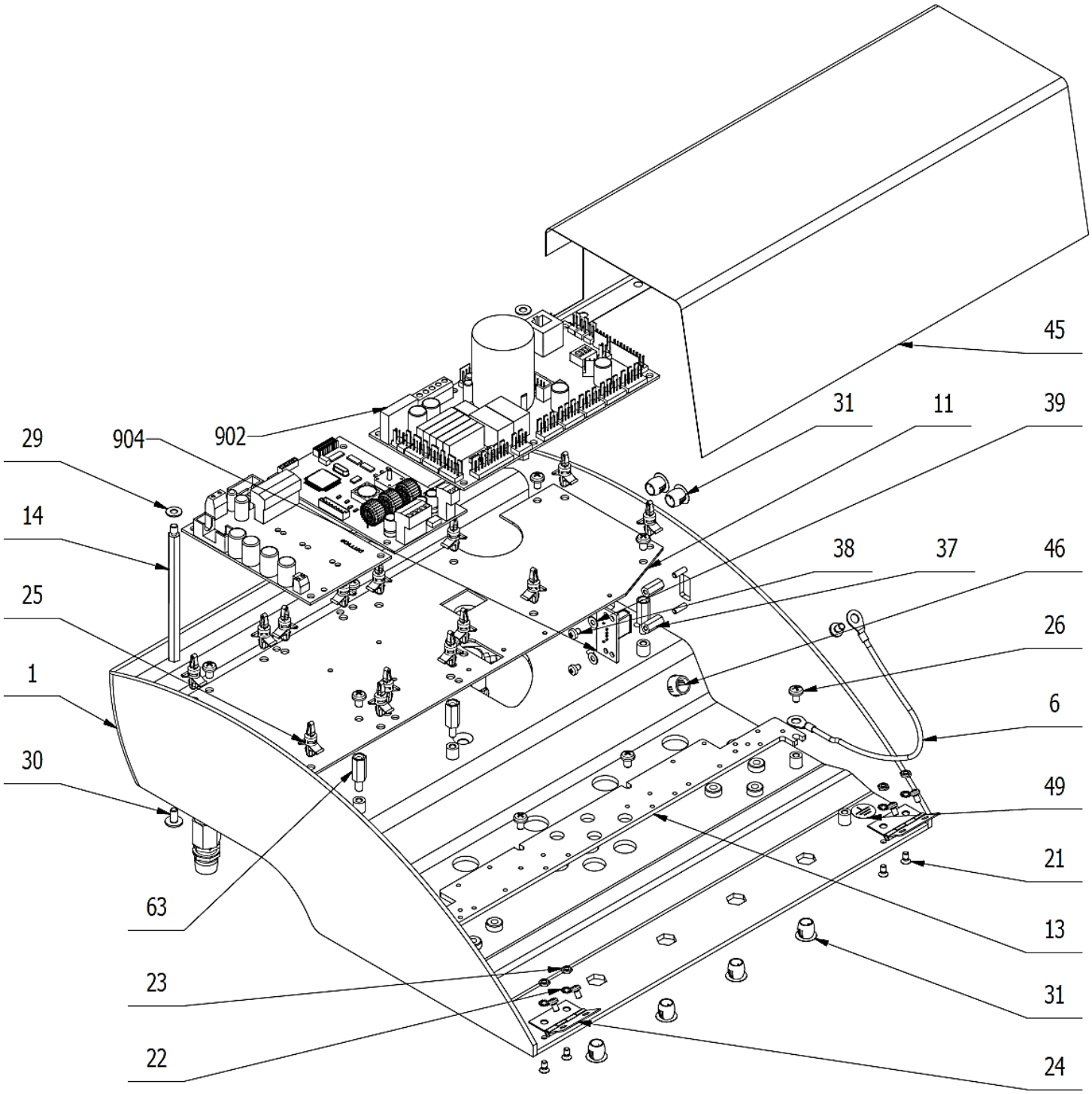


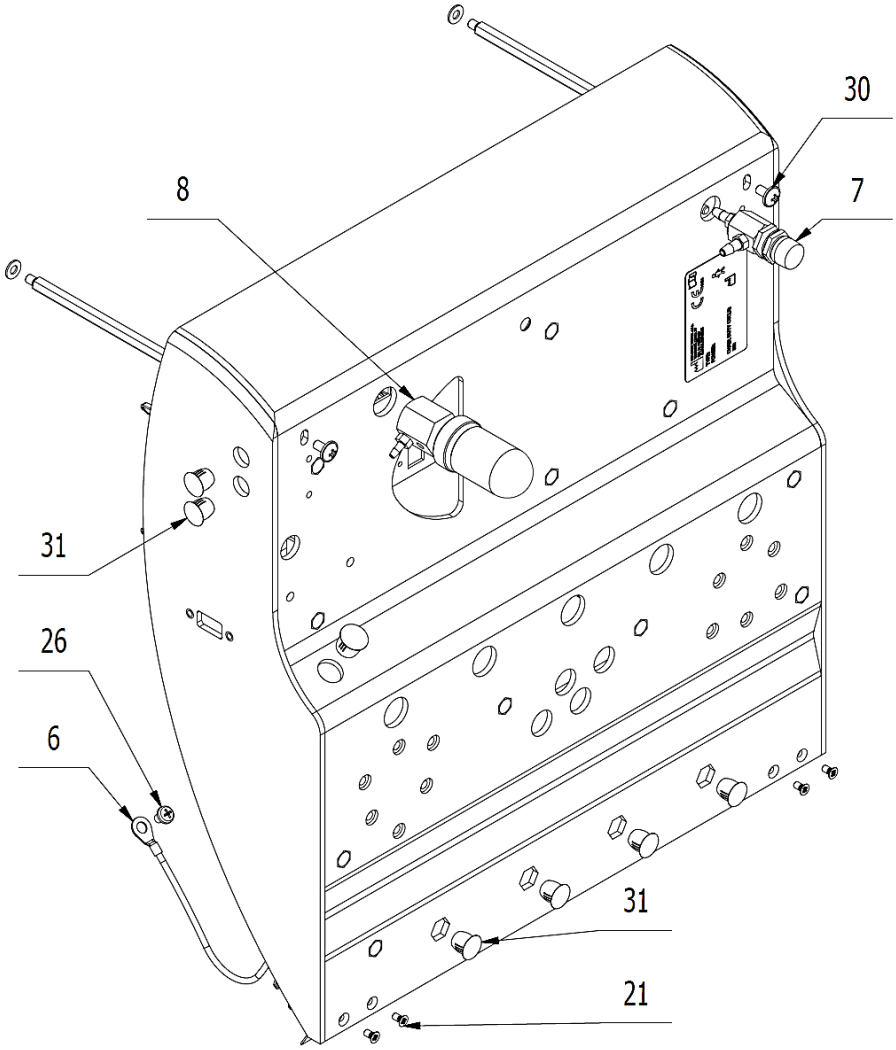
Pos.	Item no.	Product name	Unit	Množ.
001	V629.28-01-00.1	BASIC CART TABLE / WHT1	PC	1.00
002>>	V620.08-00-00	CART / WHT1	PC	1.00
004	V629.28-04-00	DENTIST'S TAB LECOVER / WHT1	PC	1.00
006	V629.28-06-00	LINE	PC	1.00
007	V620.28-11-00	AIR VALVE - ASSEMBLY	PC	1.00
008>>	V622.28-69-00	TANK, COMPLETE	PC	1.00

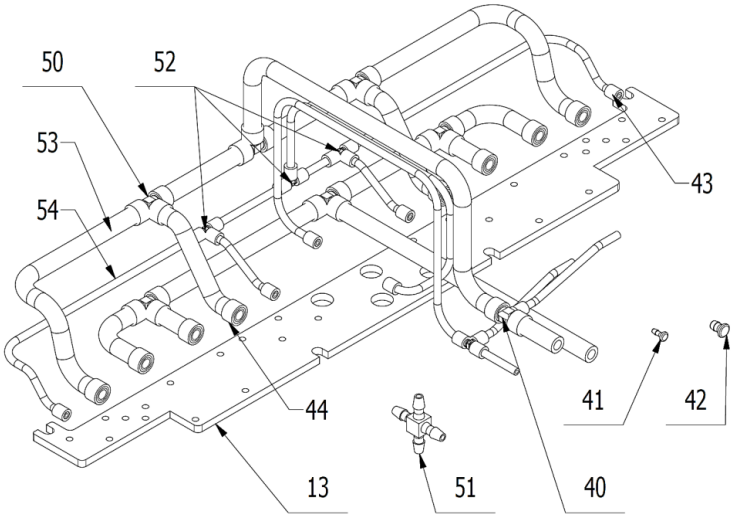
009	ME735552.178	FOIL FOR 7” DISPLAY, GREY	PC	1.00
010	ME374000.402	DISPLAY, COMPLETE, LUX 2.X	PC	1.00
011	V629.28-00-11	ELECTRONICS BOARD	PC	1.00
012	V629.28-00-12	STOP	PC	1.00
013	V629.28-00-13	PLATE FOR VALVES	PC	1.00
014	V629.28-00-14	COVER POST	PC	2.00
021	ME309543.071	THREADED FASTENER, M 3x6	PC	4.00
022	ME311214.007	WASHER, P 3.2	PC	4.00
023	ME311210.019	NUT, M 3	PC	4.00
024	ME549000.022	ARTICULATED HINGE, 30X30-galvanised	PC	2.00
025	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	14.00
026	ME309255.073	THREADED FASTENER, M 4X6	PC	11.00
027	ME309255.036	THREADED FASTENER, M 3X8	PC	5.00
029	ME311210.028	WASHER, P 4.3	PC	2.00
030	ME309251.097	THREADED FASTENER, M 4X8, DECORATIVE	PC	2.00
031	ME321000.108	HOLE COVER, 237C, WHITE	PC	2.00
032	ME309543.088	THREADED FASTENER, M 3X5	PC	8.00
035	ME374000.320	SENS_LUX3 MODULE	PC	1.00
037	ME371418.038	SPACER POST, DSMM, M3x12, plastic	PC	2.00
038	ME309255.081	THREADED FASTENER, M 3X4	PC	2.00
039	ME311210.040	WASHER, P 3.2	PC	2.00
040	ME336401.027	ADAPTER T230/210-1	PC	1.00
041	ME336401.035	PLUG, PIP 210-1	PC	1.00
042	ME336401.037	PLUG, PIP 230-1	PC	2.00
043	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.02
044	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.03
045	V629.28-00-45	FOIL	PC	1.00
046	ME321000.111	PLUG 11x13.5x10.3 - WHITE	PC	5.00
049	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	2.00
050	ME336401.029	ADAPTER T230-1	PC	5.00
051	ME336401.032	ADAPTER 4PX230-1	PC	1.00
052	ME336401.015	ADAPTER T210-1	PC	2.00
053	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.56
054	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.27
062	ME278511.007	SELF-ADHESIVE TAPE, 9X2 WHITE 20 M	m	0.60
063	ME371418.018	SPACER POST, METAL DA7 M4x15	PC	6.00
901	ME374000.402	DISPLAY, COMPLETE, LUX 2.X	PC	
902	ME374000.399	MB_LUX14 MODULE 2.X	PC	1.00
903	ME374000.320	SENS_LUX3 MODULE	PC	
904	ME374000.326	USB-ASSEMBLY_LUX	PC	1.00
905	ME374010.066	CABLE DP-MB_LUX	PC	1.00
906	ME374010.067	CABLE MB-SENS_LUX3	PC	1.00
907	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	6.00
908	ME397900.012	CABLE TIE, F 0301 CV-094	PC	15.00
909	ME345711.034	CLAMP, F0505 HC 101	PC	5.00
910	V629.28-90-10.1	WIRES, GNYE - ASSEMBLY	PC	1.00

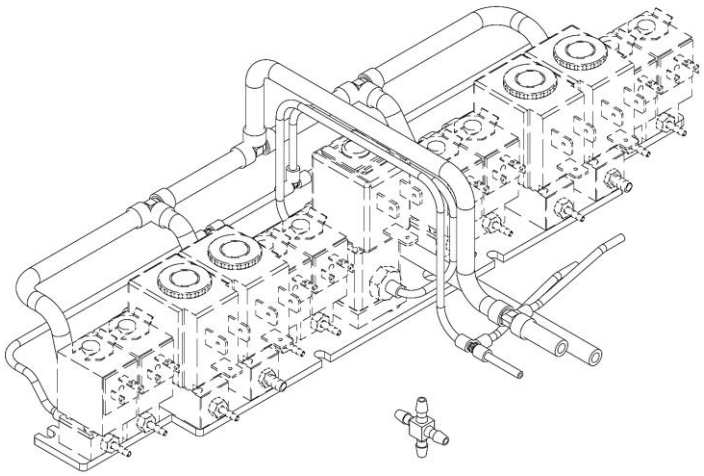
E1.4 - DA280 CART (Capacitative screen) - V629.30-00-00.1 K-001




45
31
11
39
29
904
902
14
38
37
46
25
26
1
6
30
49
21
63
13
23
31
22
24



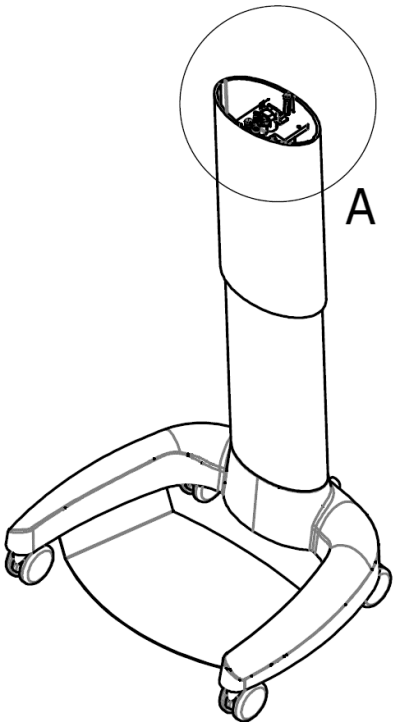


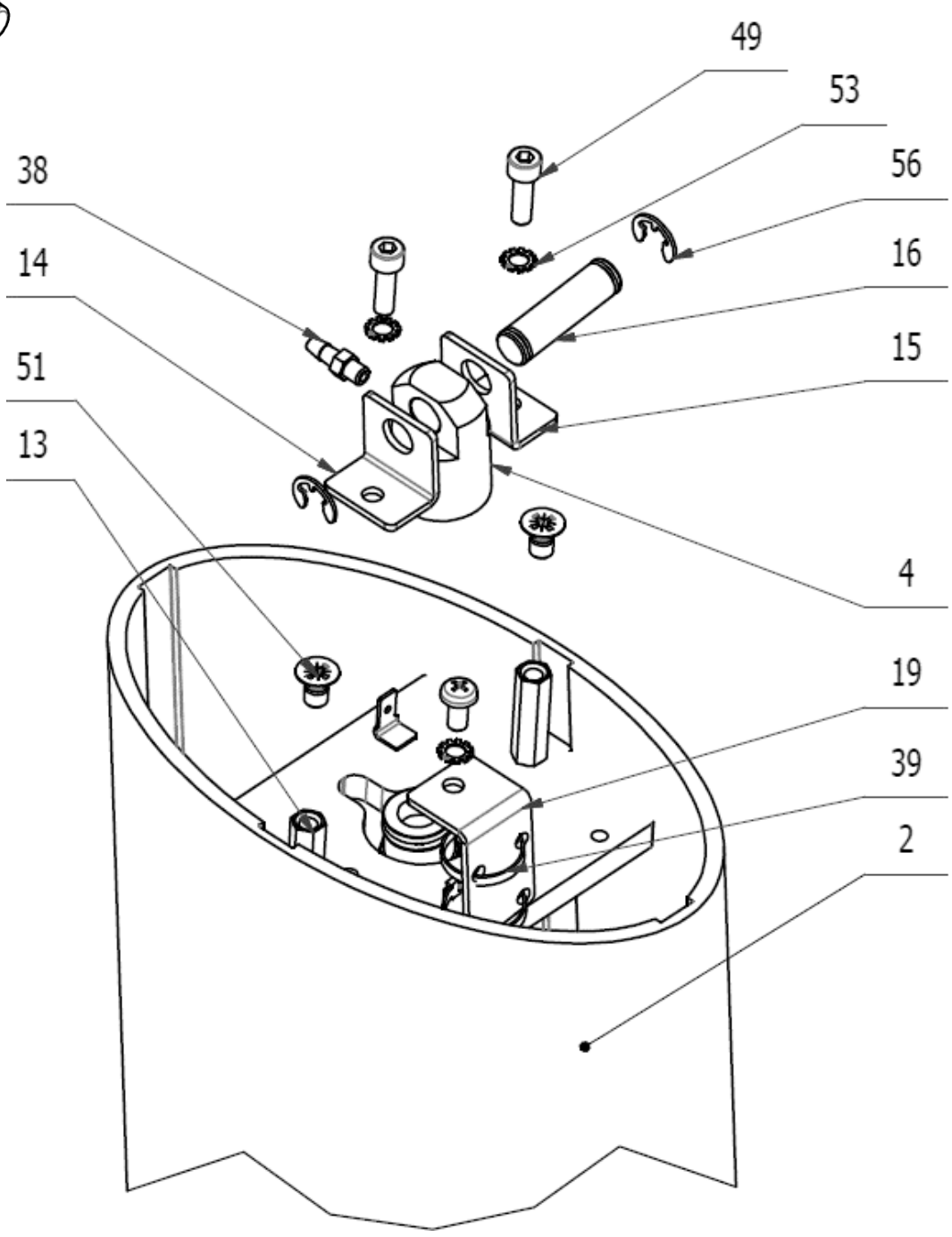


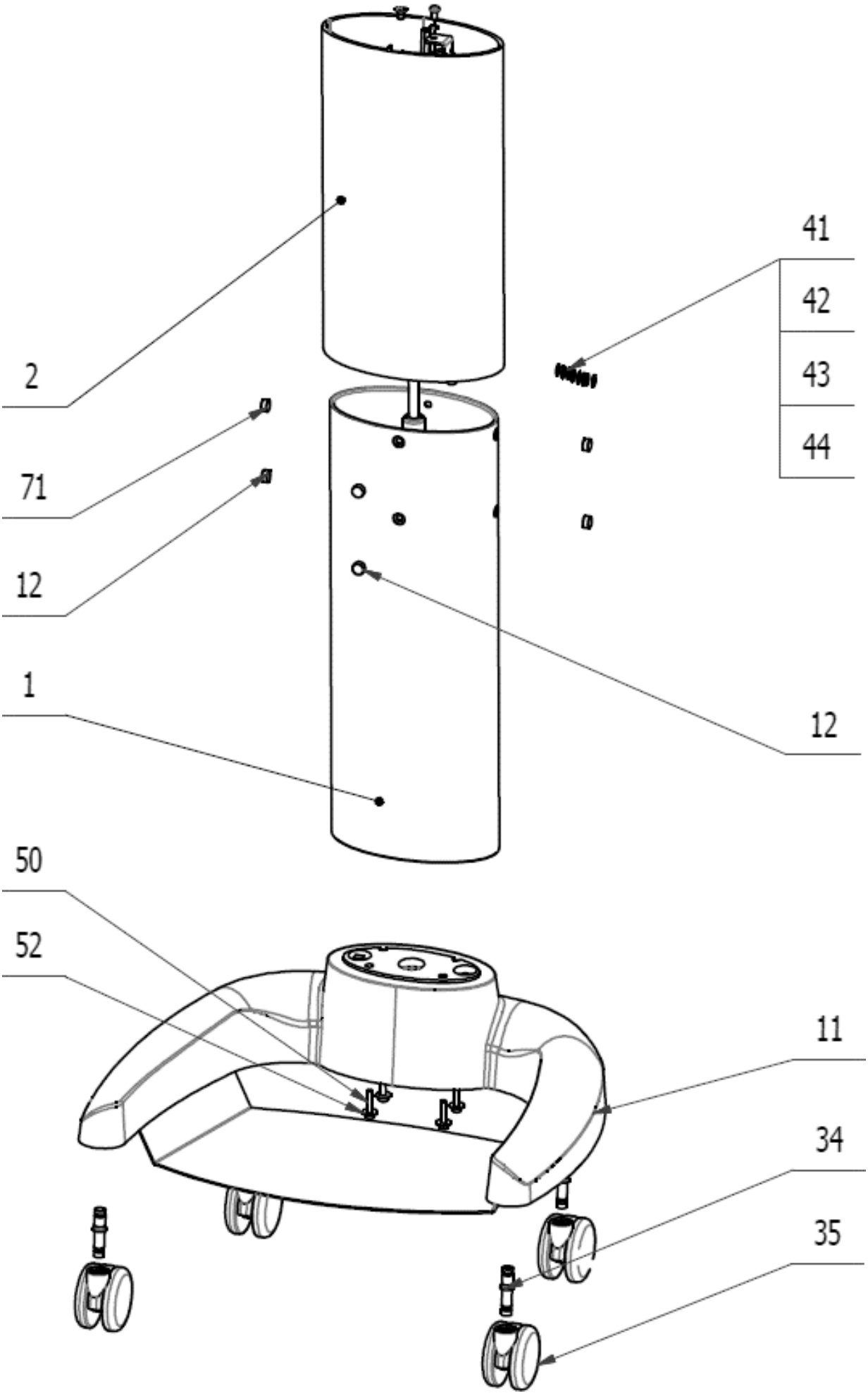
Pos.	Item no.	Product name	Unit	Quantity
001	V629.28-01-00.1	BASIC CART TABLE / WHT1	PC	1.00
002>>	V620.08-00-00	CART	PC	1.00
004	V629.30-04-00	DENTIST'S TABLE COVER - MODIFIED / DENTIST'S TABLE COVER - MODIFIED	PC	1.00
006	V629.28-06-00	LINE	PC	1.00
007	V620.28-11-00	AIR VALVE - ASSEMBLY	PC	1.00
008>>	V622.28-69-00	TANK, COMPLETE	PC	1.00
009	V629.30-00-09	DB LUX MODULE BOARD	PC	1.00
010	ME345571.057	CAPACITATIVE SCREEN	PC	1.00

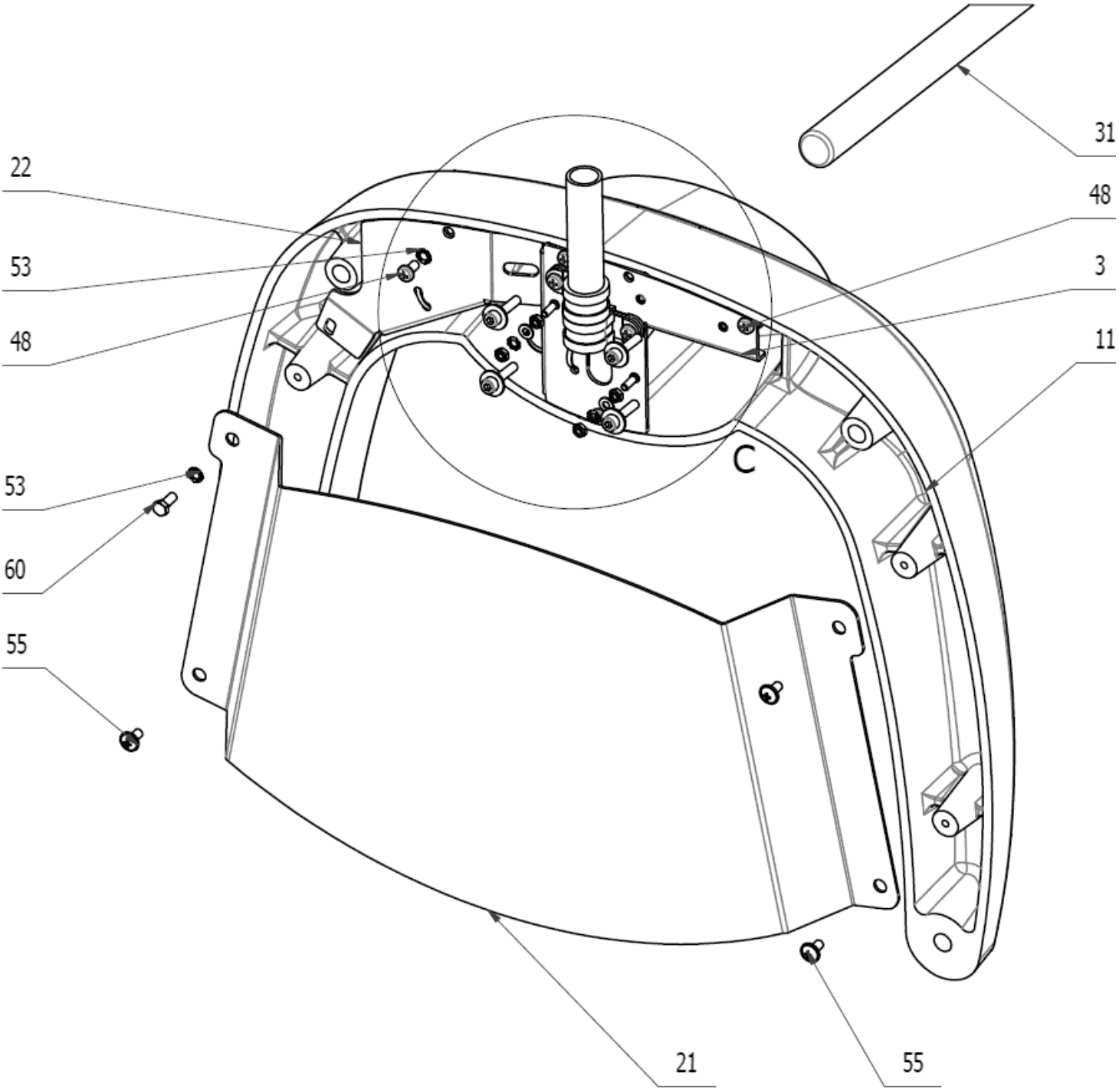
011	V629.28-00-11	ELECTRONICS BOARD	PC	1.00
012	ME374000.401	DP_LUX9 2.X MODULE	PC	1.00
013	V629.28-00-13	PLATE FOR VALVES	PC	1.00
014	V629.28-00-14	COVER POST	PC	2.00
021	ME309543.071	THREADED FASTENER, M 3x6	PC	4.00
022	ME311214.007	WASHER, P 3.2	PC	4.00
023	ME311210.019	NUT, M 3	PC	4.00
024	ME549000.022	ARTICULATED HINGE, 30X30-galvanised	PC	2.00
025	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	14.00
026	ME309255.073	THREADED FASTENER, M 4X6	PC	11.00
027	ME309255.036	THREADED FASTENER, M 3X8	PC	4.00
029	ME311210.028	WASHER, P 4.3	PC	2.00
030	ME309251.097	THREADED FASTENER, M 4X8, DECORATIVE	PC	2.00
031	ME321000.108	HOLE COVER, 237C, WHITE	PC	6.00
032	ME309543.088	THREADED FASTENER, M 3X5	PC	12.00
035	ME374000.320	SENS_LUX3 MODULE	PC	1.00
037	ME371418.038	SPACER POST, DSMM, M3x12, plastic	PC	2.00
038	ME309255.081	THREADED FASTENER, M 3X4	PC	2.00
039	ME311210.040	WASHER, P 3.2	PC	2.00
040	ME336401.027	ADAPTER T230/210-1	PC	1.00
041	ME336401.035	PLUG, PIP 210-1	PC	1.00
042	ME336401.037	PLUG, PIP 230-1	PC	2.00
043	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.02
044	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.03
045	V629.28-00-45	FOIL	PC	1.00
046	ME321000.111	PLUG 11x13.5x10.3 - WHITE	PC	1.00
049	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	2.00
050	ME336401.029	ADAPTER T230-1	PC	5.00
051	ME336401.032	ADAPTER 4PX230-1	PC	1.00
052	ME336401.015	ADAPTER T210-1	PC	2.00
053	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.56
054	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.27
056	ME371418.008	SPACER POST, KDR 03	PC	4.00
063	ME371418.018	SPACER POST, METAL DA7 M4x15	PC	6.00
901	ME341419.024	STRIPED WIRE, 51 mm	PC	1.00
902	ME374000.399	MB_LUX14 MODULE 2.X	PC	1.00
904	ME374000.326	USB-ASSEMBLY_LUX	PC	1.00
905	ME374010.066	CABLE DP-MB_LUX	PC	1.00
906	ME374010.067	CABLE MB-SENS_LUX3	PC	1.00
907	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	6.00
908	ME397900.012	CABLE TIE, F 0301 CV-094	PC	15.00
909	ME345711.034	CLAMP, F0505 HC 101	PC	5.00
910	V629.28-90-10.1	WIRES, GNYE - ASSEMBLY	PC	1.00
915	ME205292.009	FERRITE FS-2	PC	1.00
916	V629.30-90-01	WIRE, GNYE	PC	1.00

>> CART - V620.08-00-00



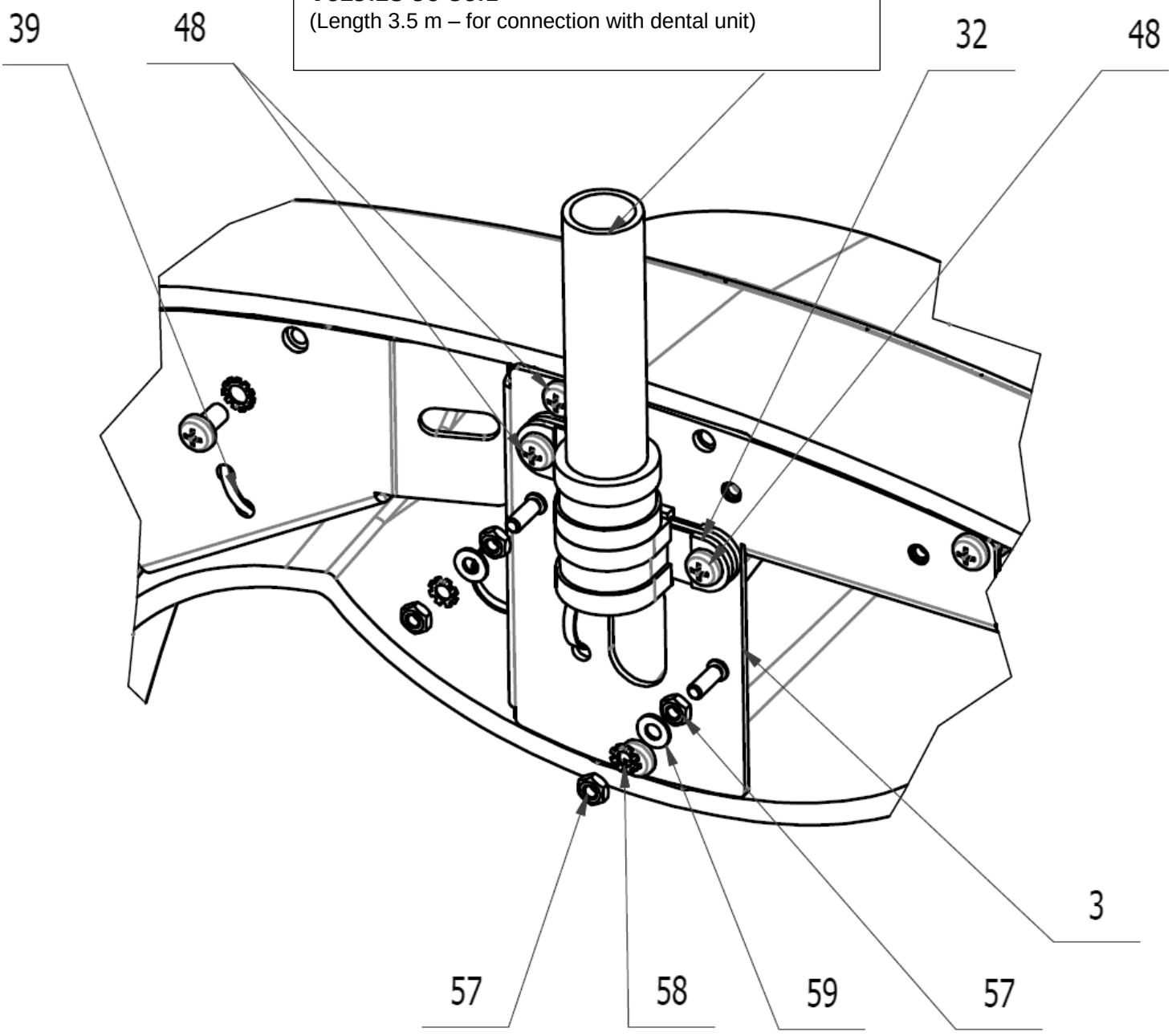


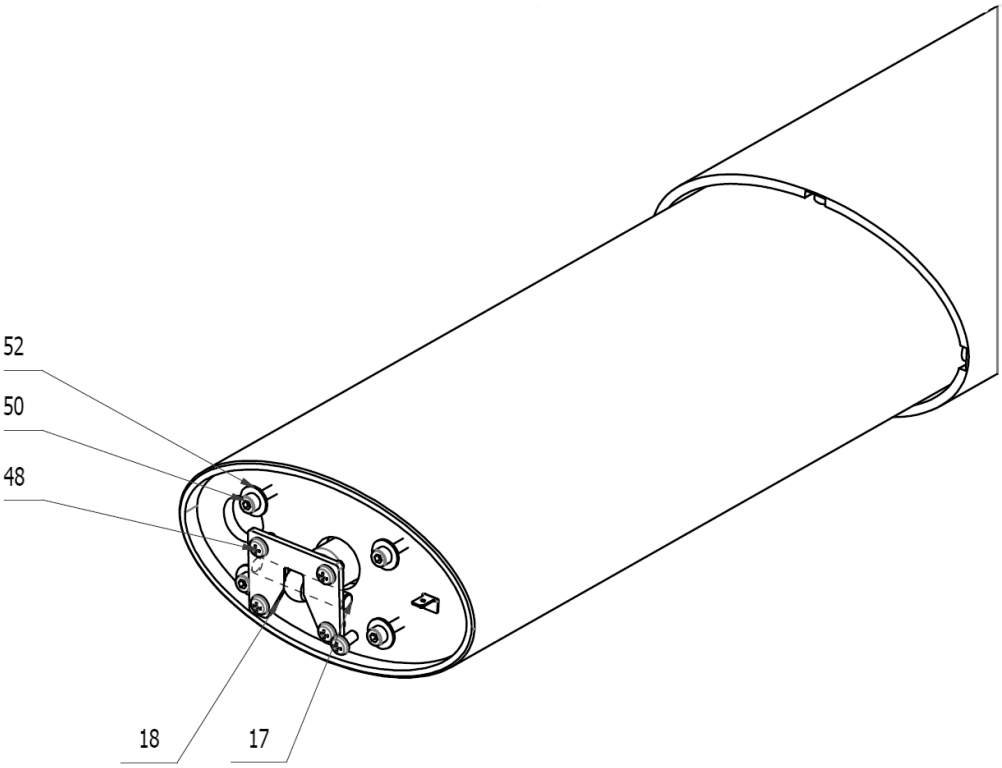

41
42
43
44
2
71
12
1
12
50
52
11
34
35


31
22
48
53
3
48
11
C
53
60
55
21
55

C (1 : 2)

Wiring harness:
>>CONTROL PANEL CART WIRING HARNESS - V629.28-90-30.1 >>
(Length 3.5 m – for connection with dental unit)



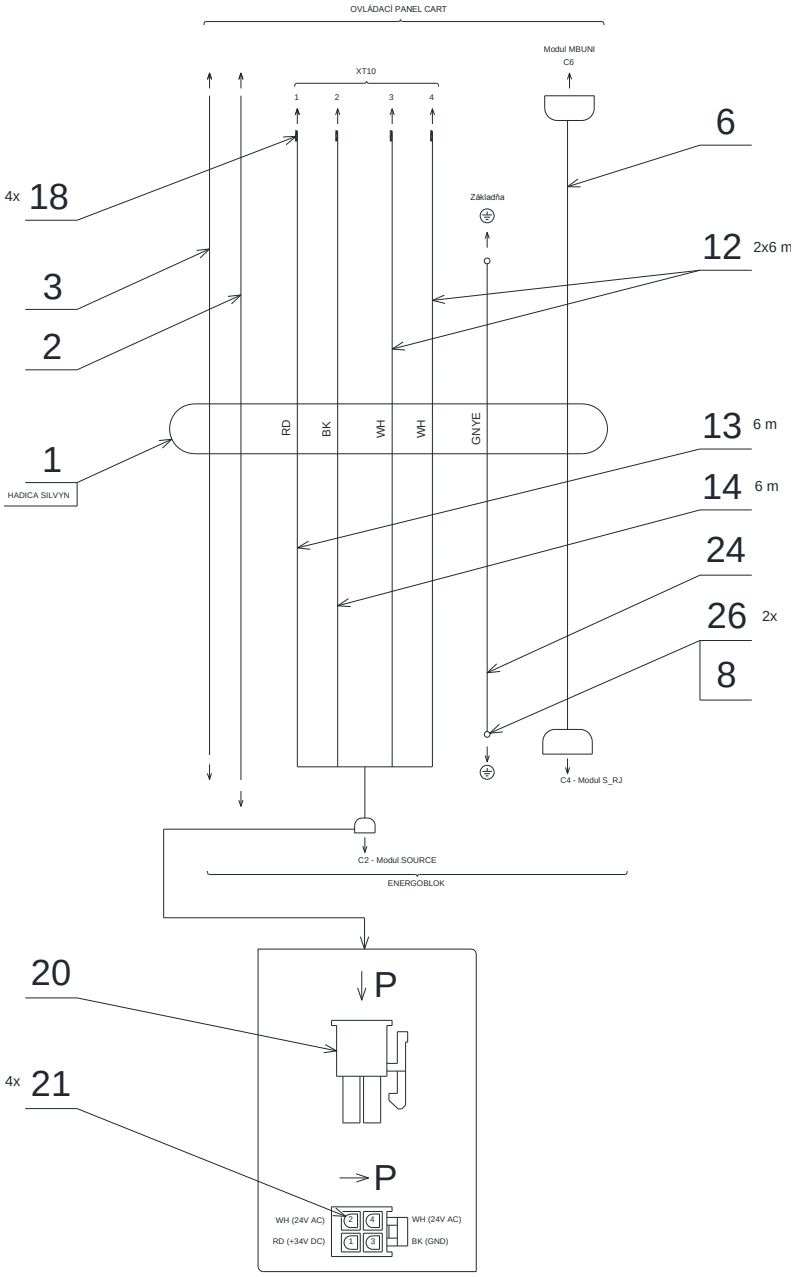


Pos.	Item no.	Product name	Unit	Quantity
001	V620.08-01-00	POST - ASSEMBLY / WHT1	PC	1.00
002	V620.08-02-00	COVER - ASSEMBLY / WHT1	PC	1.00
003	V620.08-03-00	BASE PLATES - ASSEMBLY	PC	1.00
004	V618.81-55-00.1	CART PNEUMATIC CYLINDER	PC	1.00
011	V620.08-00-11.T	BASE / WHT1	PC	1.00
012	V620.08-00-12	SLIDING HOUSING, P12	PC	8.00
013	V620.08-00-13	SPACER POST, M6	PC	2.00
014	V620.08-00-14	ANGLE BRACKET, 1	PC	1.00
015	V620.08-00-15	ANGLE BRACKET, 2	PC	1.00
016	V620.08-00-16	STUD	PC	1.00
017	V620.08-00-17	LOWER STUD	PC	1.00
018	V620.08-00-18	SHACKLE	PC	1.00
019	V620.08-00-19	WIRING HARNESS HOLDER	PC	1.00
021	V620.08-00-21	FOOT CONTROLLER CARRIER, STAINLESS	PC	1.00
022	V620.08-00-22	SHACKLE, 2	PC	1.00
031	ME337500.014	GAS. SPRING, KOA 1KK	PC	1.00
032	ME345133.004	+ MOUNTING ANCHOR, W1 20 mm	PC	2.00
033	ME286000.009	HOSE, SILVYN SP 16x20 SGY	M	
034	ME549428.014	WHEEL AXLE, B10-11x20/10	PC	4.00
035	ME549428.015	WHEEL, 901559	PC	4.00
038	ME336401.010	ADAPTER M5230-1	PC	1.00
039	ME397800.015	CABLE TIE, F0301 CV-200	PC	6.00
041	ME311280.011	WASHER, P 6x12/0.1 BL	PC	8.00
042	ME311280.013	WASHER, P 6x12/0.2 BL	PC	8.00
043	ME311280.014	WASHER, P 6x12/0.3 BL	PC	8.00
044	ME311280.012	WASHER, P 6x12/0.5 BL	PC	8.00
048	ME309255.090	THREADED FASTENER, M 5X10	PC	11.00

049	ME309231.073	THREADED FASTENER, M 5X16	PC	2.00
050	ME309543.044	THREADED FASTENER, M 5x25	PC	4.00
051	ME309543.111	THREADED FASTENER, M 6X10	PC	2.00
052	ME311212.018	WASHER, P 5.3	PC	4.00
053	ME311214.003	WASHER, P 5.3	PC	5.00
055	ME309251.092	THREADED FASTENER, M 5X10, DECORATIVE	PC	3.00
056	ME311732.007	LOCK RING P 7	PC	2.00
057	ME311180.004	NUT, M 4	PC	4.00
058	ME311214.002	WASHER, P 4.3, SERRATED	PC	2.00
059	ME311280.004	WASHER, MS P 4,3	PC	2.00
060	ME309803.008	THREADED FASTENER, M 5X12	PC	1.00
061	ME735413.038	RESIN LABEL	PC	1.00
071	V620.08-00-12.1	SLIDING HOUSING, P12	PC	4.00

>>CONTROL PANEL CART WIRING HARNESS - V629.28-90-30.1

(Length 3.5 m – for connection with dental unit)

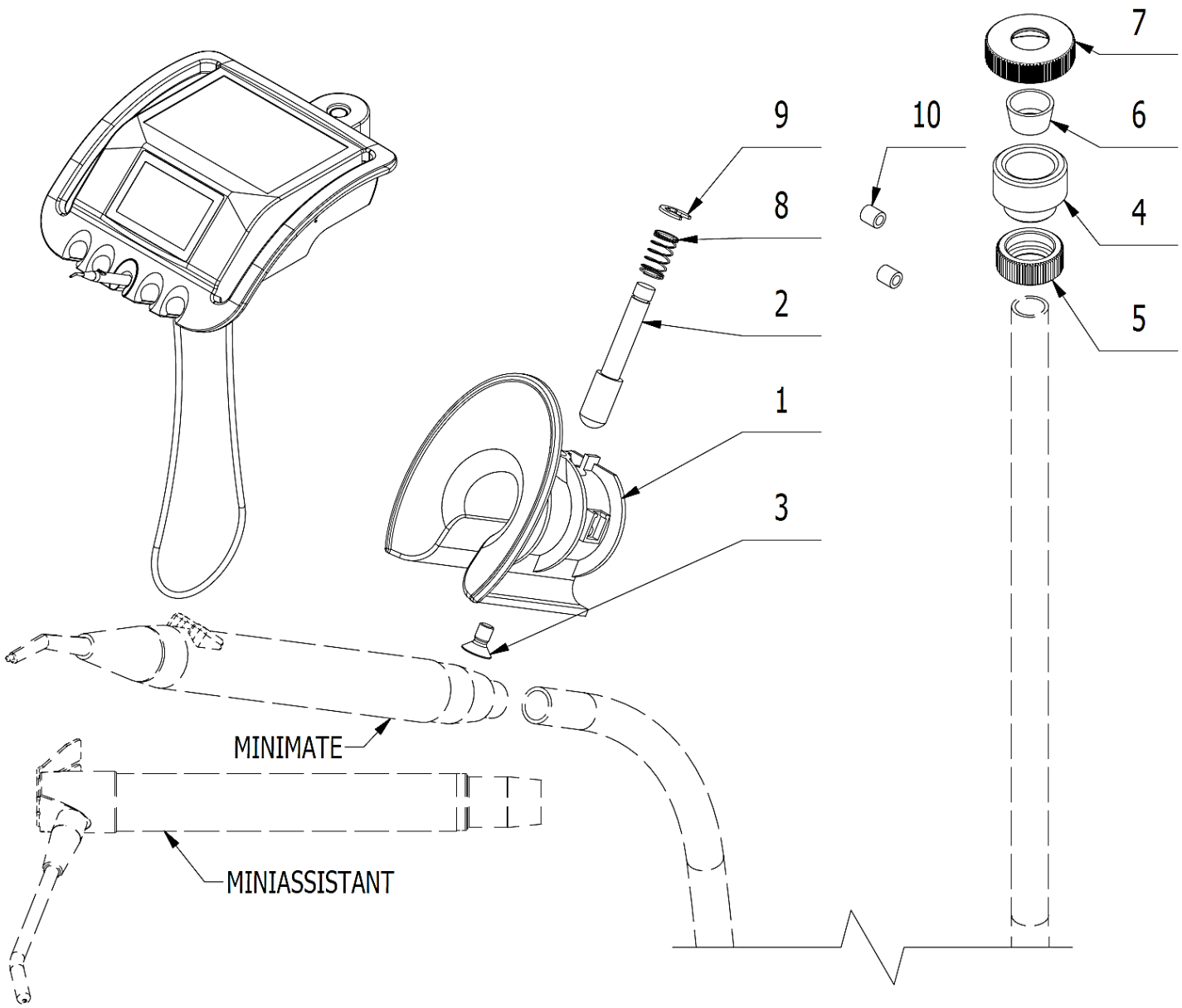


Position	Item no.	Product name	Unit	Quantity
001	ME286000.009	HOSE, SILVYN SP 16x20 SGY	M	3.50
002	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	7.33
003	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	5.13
006	ME374010.057	PATCH CABLE, CAT5-500UTPGY	PC	1.00
008	ME181181.001	SOLDER, B-SN PB190/15 CAST STICK	KG	N/A
012	ME341419.009	WIRE, LiY 0.75 WHITE	M	12.00
013	ME341419.022	WIRE, LiY 0.75 RED	M	6.00
014	ME341419.023	WIRE, LiY 0.75 BLACK	M	6.00
018	ME375000.002	INSULATED CRIMP FITTING - NITI 0.75X8GY	PC	4.00
020	ME345571.036	COVER, MX-5557-04R MOLEX	PC	1.00
021	ME345571.035	CONTACT, MX-5556TL MOLEX	PC	4.00
024	ME341418.014	WIRE, HO7V-K 1X2.5 GNYE	M	4.00
026	ME354321.022	RING WIRE CONNECTOR, 7610-03/4	PC	2.00

E1.5 - DA280 - Control panel accessories

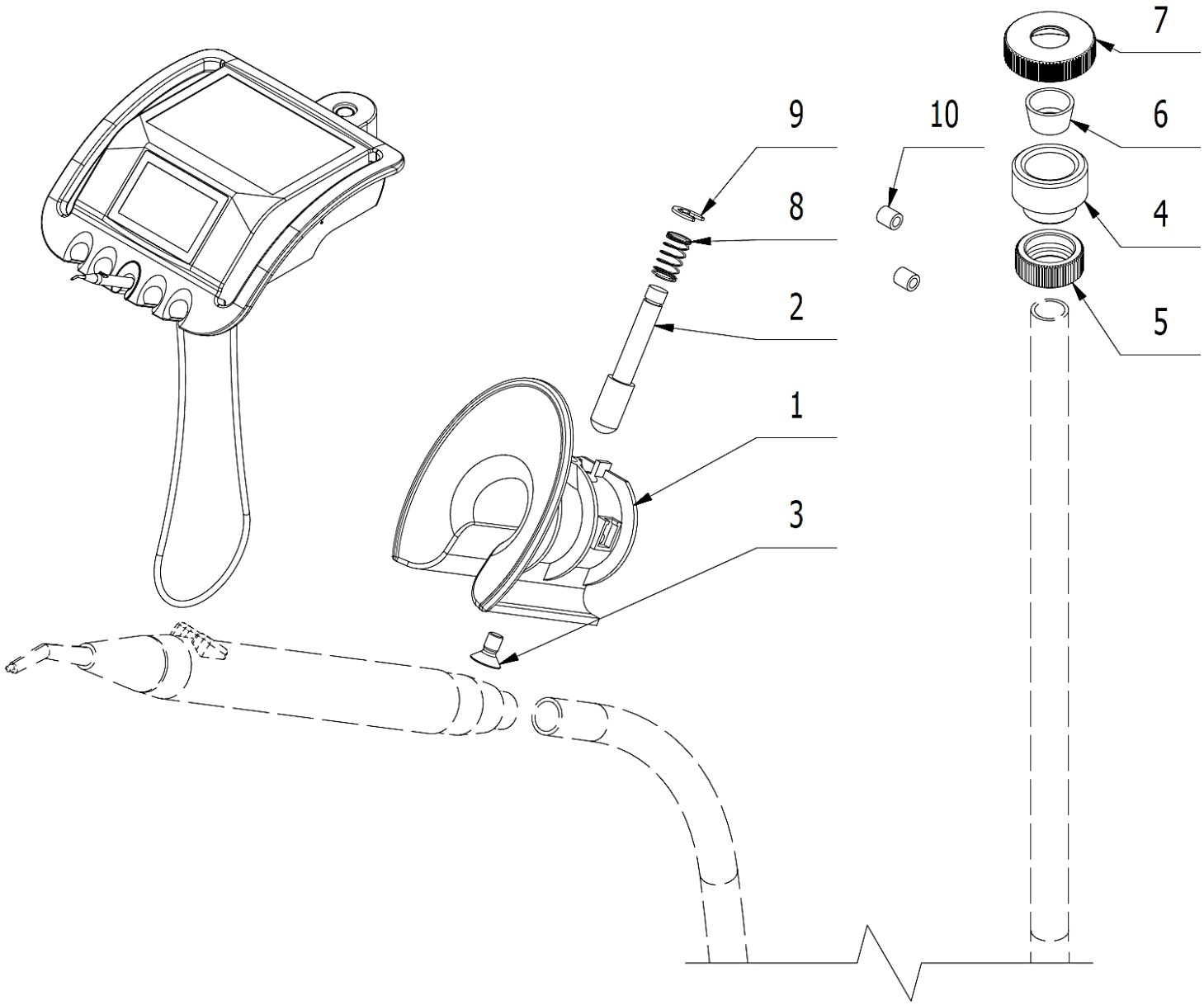
1 – Syringes

MINIMATE AND MINIASSISTANT ACCESSORY - V629.32-00-00



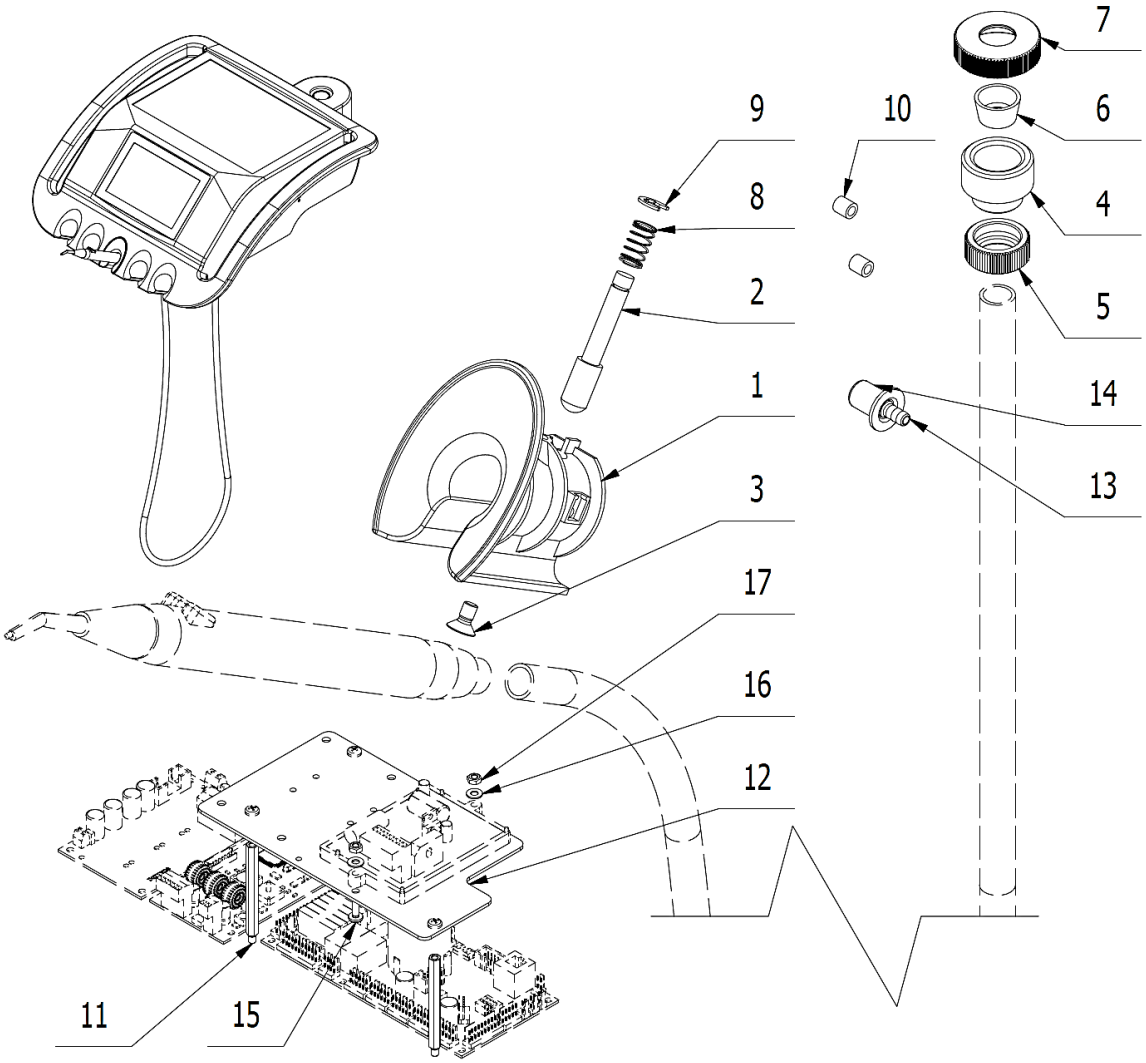
Pos.	Item no.	Product name	Unit	Quantity
001	V615.28-18-01	MINIMATE HOLDER / WHT1	PC	1.00
002	V629.54-00-02	SHORT SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V602.50-00-03	THREADED FASTENER, 1	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V602.50-00-04	INSERT, 1	PC	1.00
007	V600.3-00-23	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
010	V608.45-00-08	LOCK RING, 1	PC	2.00

MINILIGHT 3F ACCESSORY - V629.33-00-00.2



Pos.	Item no.	Product name	Unit	Quantity
001	V615.28-13-01	MINILIGHT HOLDER / WHT1	PC	1.00
002	V629.54-00-02	SHORT SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V602.50-00-03	THREADED FASTENER, 1	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V602.50-00-04	INSERT, 1	PC	1.00
007	V600.3-00-23	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
010	V608.45-00-08	LOCK RING, 1	PC	2.00
011	ME397000.084	MINILIGHT 3F R. SYRINGE - METAL	PC	OPTION

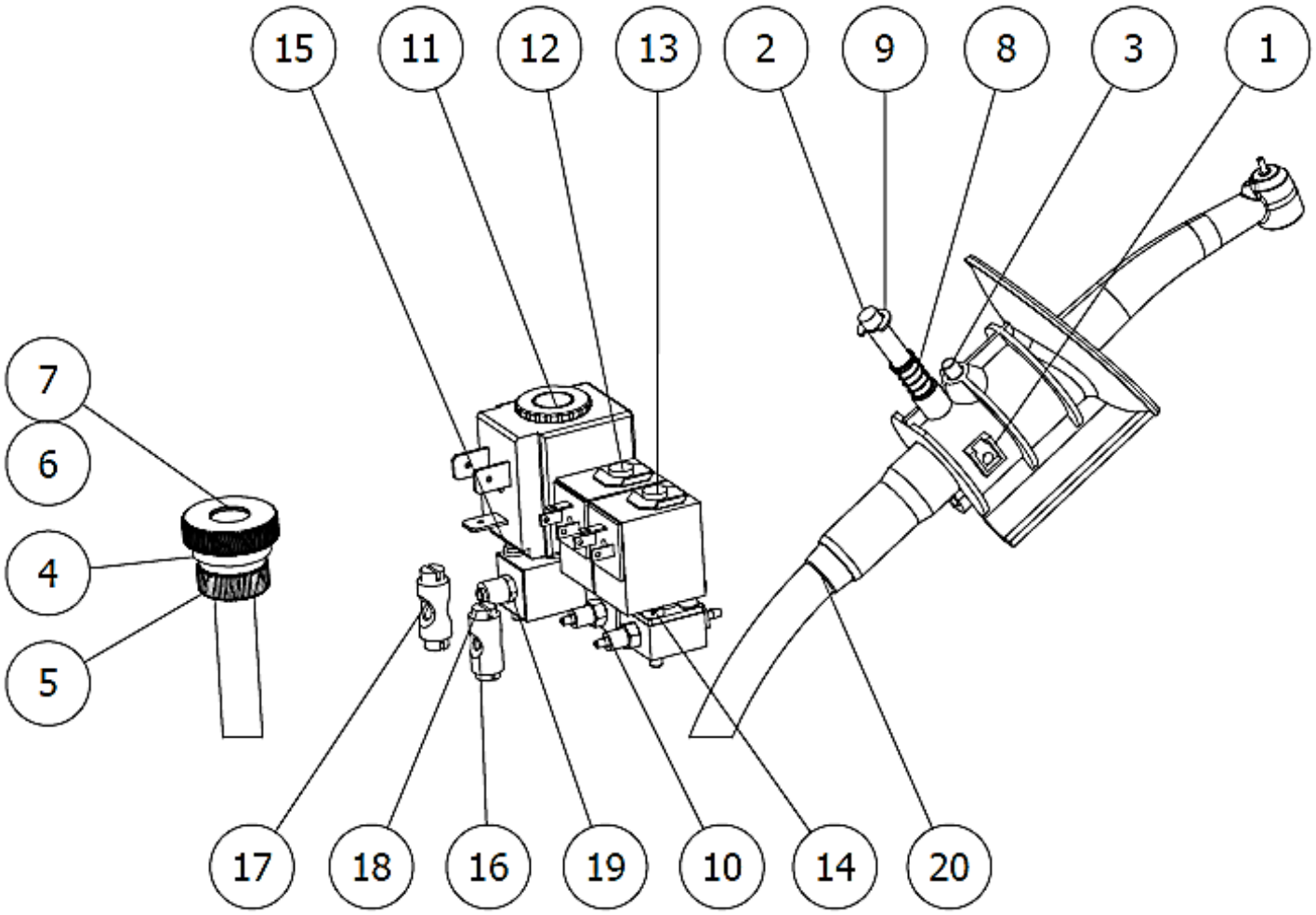
MINILIGHT 6F ACCESSORY - V629.33-00-00.1



Pos.	Item no.	Product name	Unit	Quantity
001	V615.28-13-01	MINILIGHT HOLDER / WHT1	PC	1.00
002	V629.54-00-02	SHORT SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V602.50-00-03	THREADED FASTENER, 1	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V602.50-00-04	INSERT, 1	PC	1.00
007	V600.3-00-23	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
010	V608.45-00-08	LOCK RING, 1	PC	2.00
011	V629.33-00-11	MODULE BOARD POST	PC	3.00
012	V629.33-00-12	MODULE BOARD	PC	1.00
013	V602.64-00-06	REDUCER, P2.5/P2	PC	1.00
014	ME548212.011	FERRULE, 4X6	PC	1.00
015	ME309255.069	THREADED FASTENER, M 4X14	PC	2.00
016	ME311210.028	WASHER, P 4.3	PC	2.00
017	ME311120.016	NUT, M 4	PC	2.00
901	ME341419.015	WIRE, LiY 0.5 WHITE	M	0.60
902	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	7.00

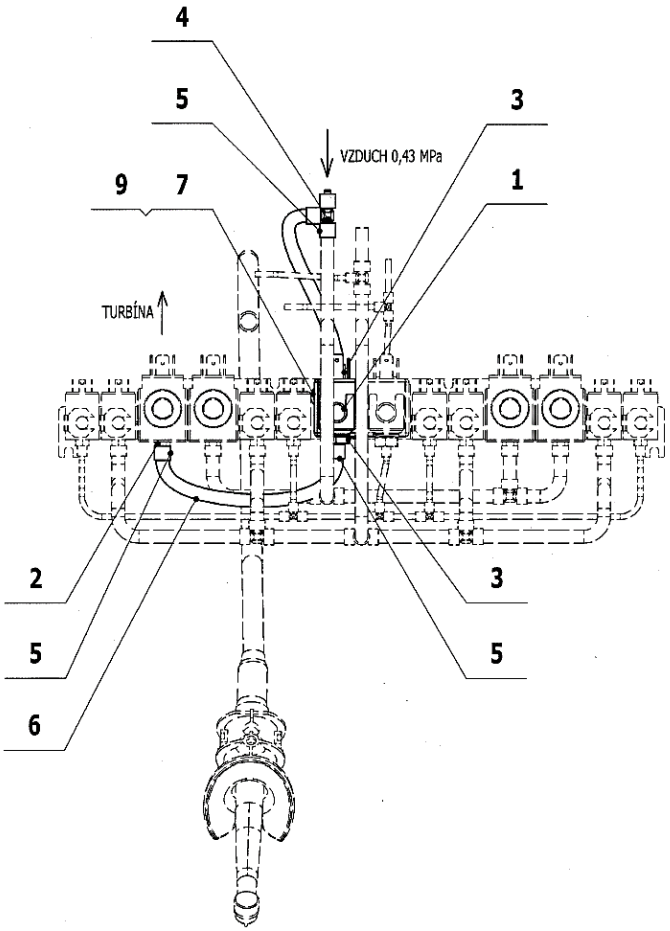
2 – Turbine instruments

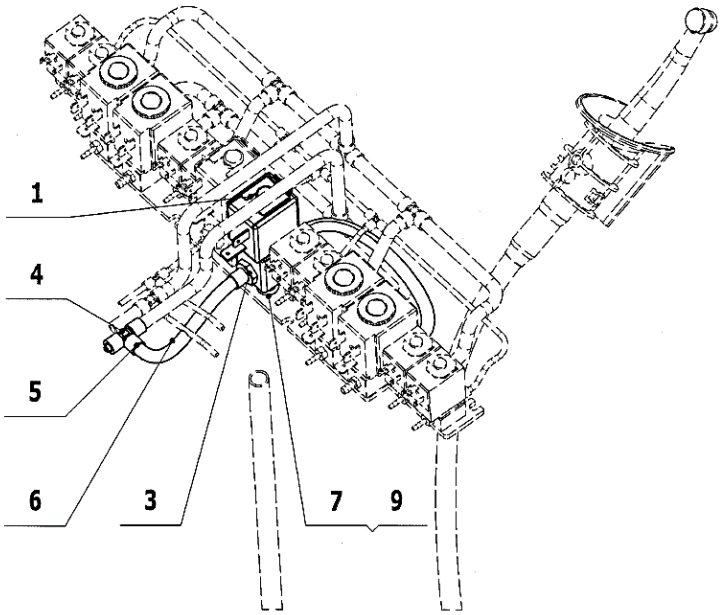
ACCESSORY FOR MIDWEST TURBINE WITH THE LIGHT HOSE - V629.41-00-00.1



Pos.	Item no.	Product name	Unit	Quantity
001	V615.28-11-01	MC3 AND TURBINE HOLDER / WHT1	PC	1.00
002	V629.33-00-02	LONG SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V602.50-00-03	THREADED FASTENER, 1	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V602.50-00-04	INSERT, 1	PC	1.00
007	V600.3-00-23	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
010	V608.45-00-08	LOCK RING, 1	PC	2.00
011	V619.28-41-00	SOLENOID VALVE, JAKŠA, COMPLETE	PC	1.00
012	V619.28-43-00	SOLENOID VALVE, SIRAI 1, COMPLETE	PC	1.00
013	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
014	ME309231.019	THREADED FASTENER, M 3X14	PC	4.00
015	ME309255.077	THREADED FASTENER, M 3X18	PC	2.00
018	V629.28-00-03	RESTRICTOR, MODIFIED	PC	2.00
019	V606.41-00-21	LOCKING RING	PC	1.00
020	V702.00-00-00.2	MIDWEST HOSE, GREY, 1700	PC	1.00
901	V629.35-90-01	WIRES, YV - ASSEMBLY	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	3.00

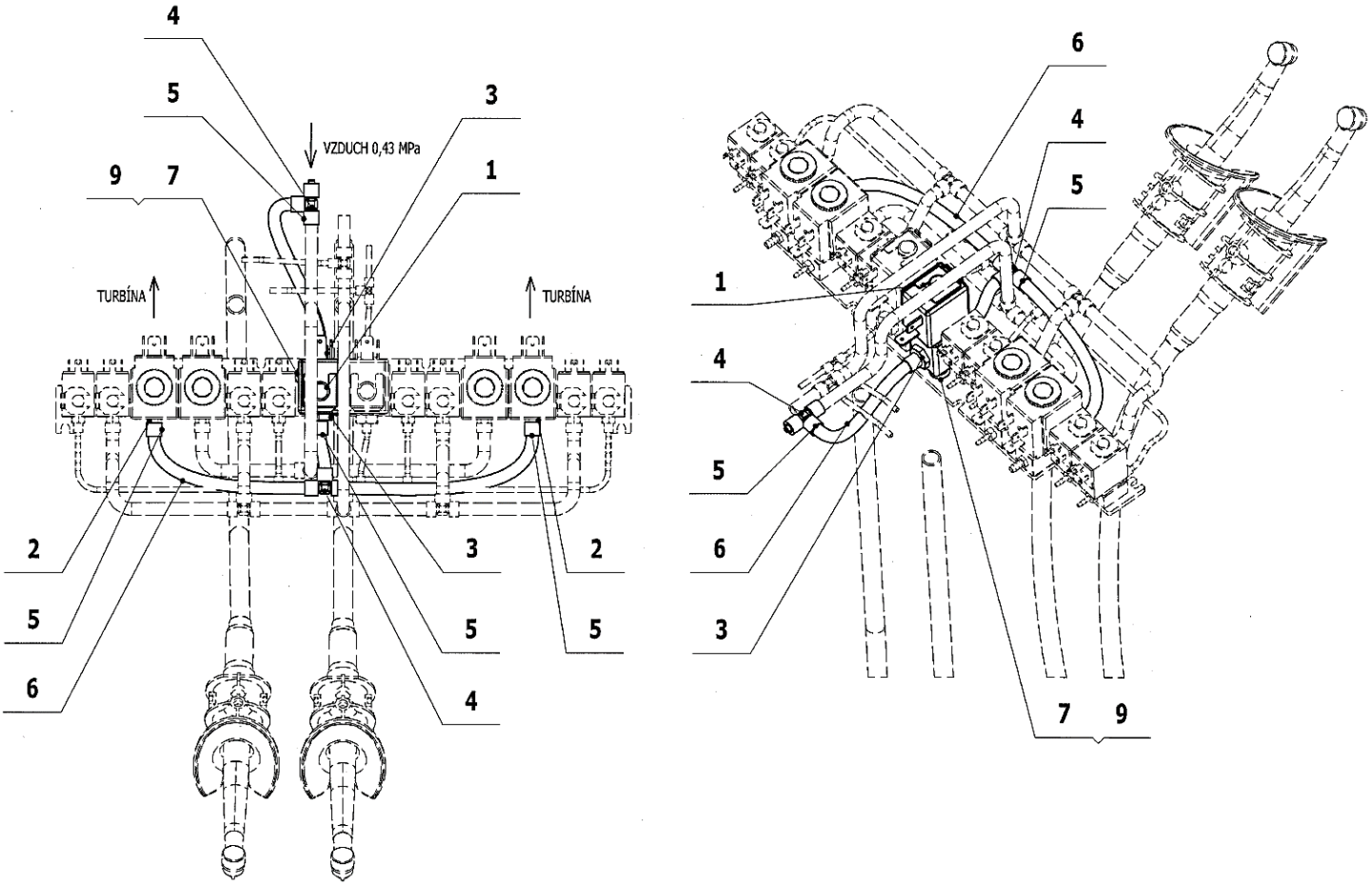
ACCESSORY FOR TURBINE WITH REGULATION - V629.49-00-00





Pos.	Item no.	Product name	Unit	Quantity
001	ME551114.004	PROPORTIONAL VALVE, ASCO SCG202A207V	PC	1.00
002	V625.32-00-02	BUSHING, M5	PC	1.00
003	V625.32-00-03	ASCO BUSHING	PC	2.00
004	ME336401.011	ADAPTER T40-1	PC	1.00
005	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.03
006	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.50
007	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	2.00
009	ME273121.042	BUSHING, TYPE F2, 5X3	PC	2.00
901	ME374000.407	MODULE, RCD-24-0 - 50	PC	1.00
902	ME374100.077	PROP. AIR VALVE WIRES	PC	1.00
903	V400.01-01-40	LABEL, TEXT	PC	1.00

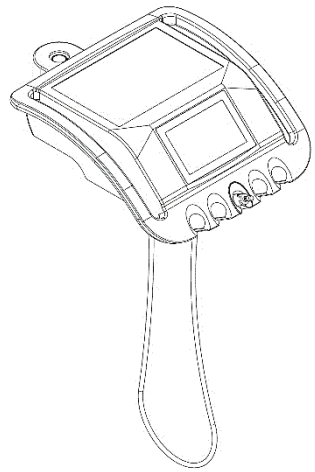
ACCESSORY FOR 2 TURBINES WITH REGULATION - V629.49-00-00

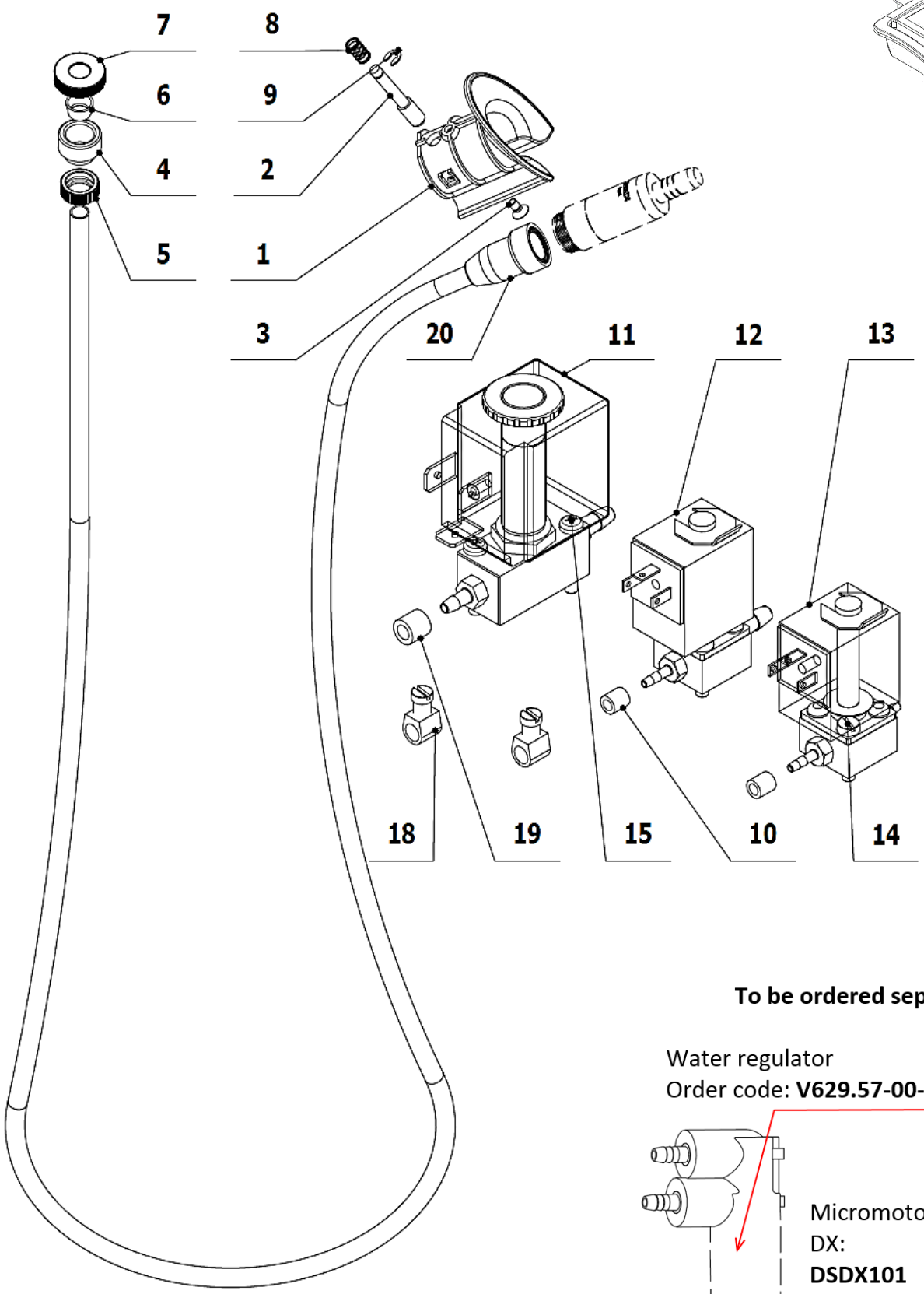


Pos.	Item no.	Product name	Unit	Quantity
001	ME551114.004	PROPORTIONAL VALVE, ASCO SCG202A207V	PC	1.00
002	V625.32-00-02	BUSHING, M5	PC	2.00
003	V625.32-00-03	ASCO BUSHING	PC	2.00
004	ME336401.011	ADAPTER T40-1	PC	2.00
005	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.05
006	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.85
007	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	2.00
009	ME273121.042	BUSHING, TYPE F2, 5X3	PC	2.00
901	ME374000.407	MODULE, RCD-24-0 - 50	PC	1.00
902	ME374100.077	PROP. AIR VALVE WIRES	PC	1.00
903	V400.01-01-40	LABEL, TEXT	PC	1.00

3 – Micro motors

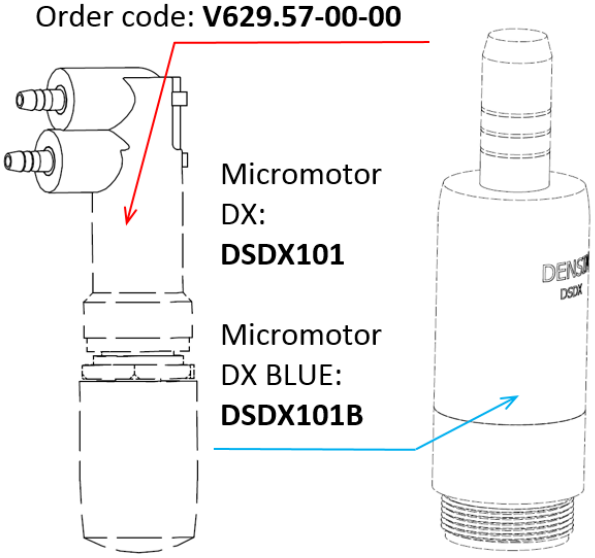
ACCESSORY FOR DX and DX BLUE MICRO MOTORS - V629.39-00-00





To be ordered separately

Water regulator
Order code: **V629.57-00-00**



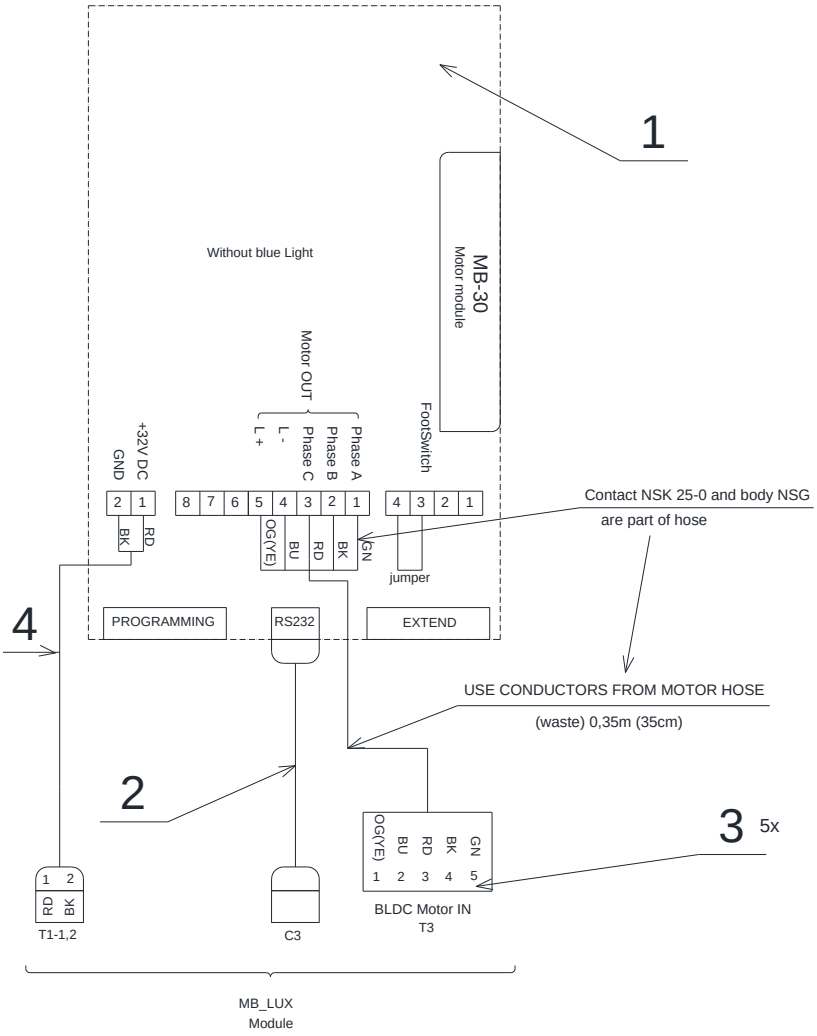
Micromotor DX:
DSDX101

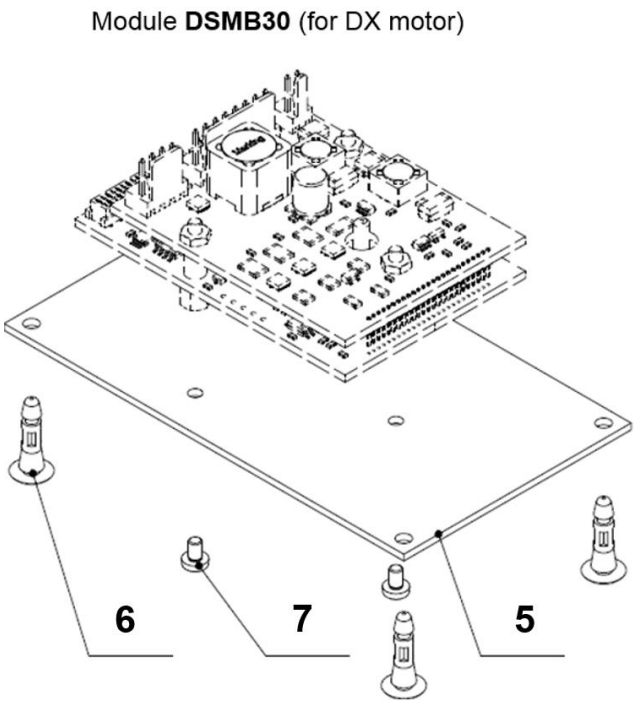
Micromotor DX BLUE:
DSDX101B

Pos.	Item no.	Product name	Unit	Quantity
001	V615.28-31-01	MC2 AND ISOLITE HOLDER / WHT1	PC	1.00
002	V629.54-00-02	SHORT SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V602.50-00-03	THREADED FASTENER, 1	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V602.50-00-04	INSERT, 1	PC	1.00
007	V600.3-00-23	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
010	V608.45-00-08	LOCK RING, 1	PC	2.00
011	V630.39-01-00	SOLENOID VALVE, JAKŠA, COMPLETE	PC	1.00
012	V619.28-43-00	SOLENOID VALVE, SIRAI 1, COMPLETE	PC	1.00
013	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
014	ME309231.019	THREADED FASTENER, M 3X14	PC	4.00
015	ME309255.077	THREADED FASTENER, M 3X18	PC	2.00
018	V629.28-00-03	RESTRICTOR, MODIFIED	PC	2.00
019	V606.41-00-21	LOCKING RING	PC	1.00
020	DSHO35	HOSE, DX	PC	1.00
901	V629.35-90-01	WIRES, YV - ASSEMBLY	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	3.00
903	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00

DSMB30 MODULE ELECTRICAL CONNECTIONS FOR THE DX MOTOR - V629.28-90-32

(only necessary for the first DX motor)

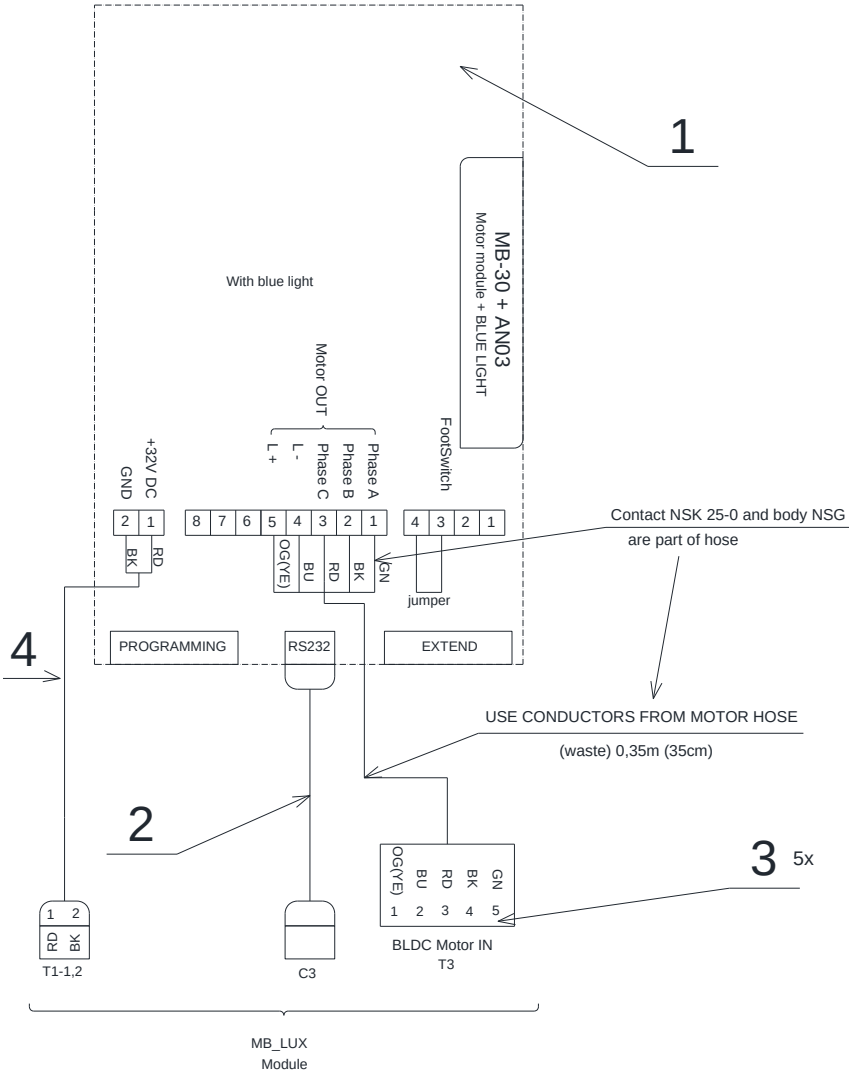


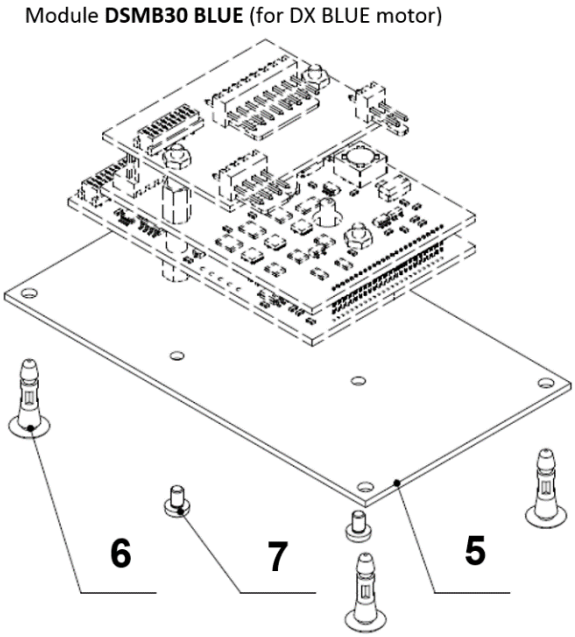


Pos.	Item no.	Product name	Unit	Quantity
001	DSMB30	DX MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00
005	V629.39-00-16	BOARD FOR THE DX	PC	1.00
006	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00
007	ME309255.106	THREADED FASTENER, M 2.5x4	PC	4.00

DSMB30 + AN03 MODULE ELECTRICAL CONNECTIONS FOR THE DX BLUE MOTOR - V629.28-90-32.1

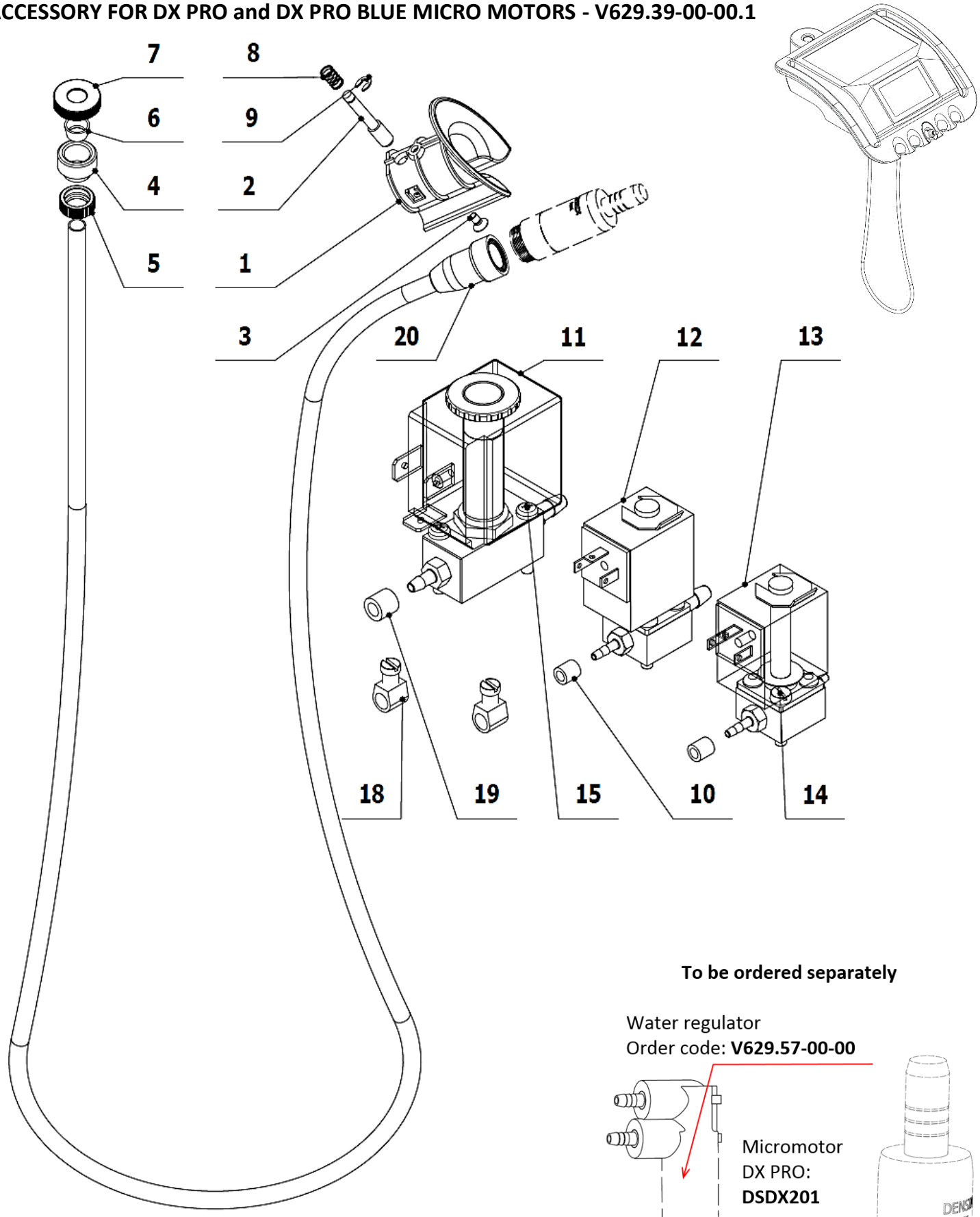
(only necessary for the first DX BLUE motor)





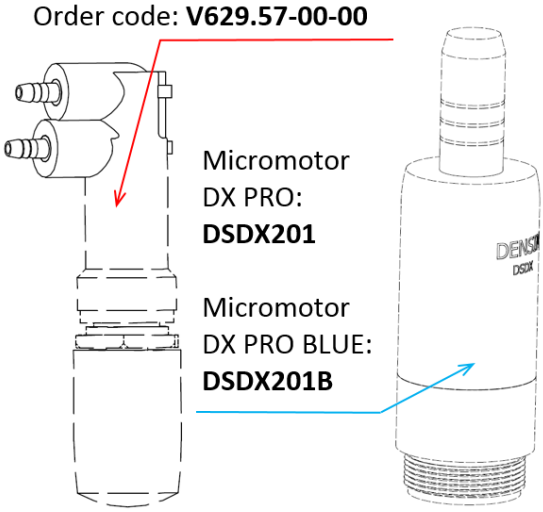
Pos.	Item no.	Product name	Unit	Quantity
001	DSMB30BLUE	DX BLUE MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00
005	V629.39-00-16	BOARD FOR THE DX	PC	1.00
006	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00
007	ME309255.106	THREADED FASTENER, M 2.5x4	PC	4.00

ACCESSORY FOR DX PRO and DX PRO BLUE MICRO MOTORS - V629.39-00-00.1



To be ordered separately

Water regulator
Order code: **V629.57-00-00**



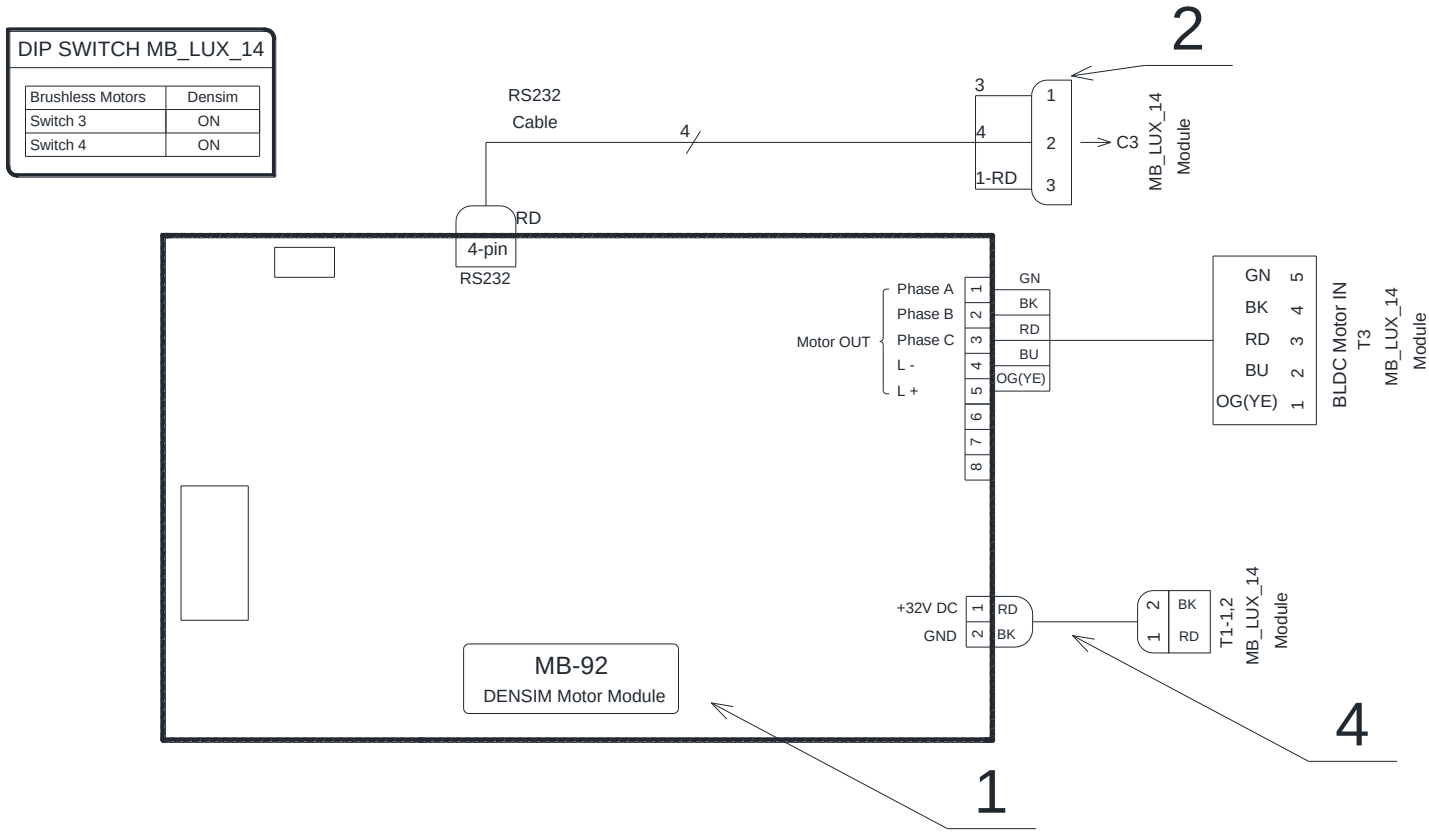
Micromotor
DX PRO:
DSDX201

Micromotor
DX PRO BLUE:
DSDX201B

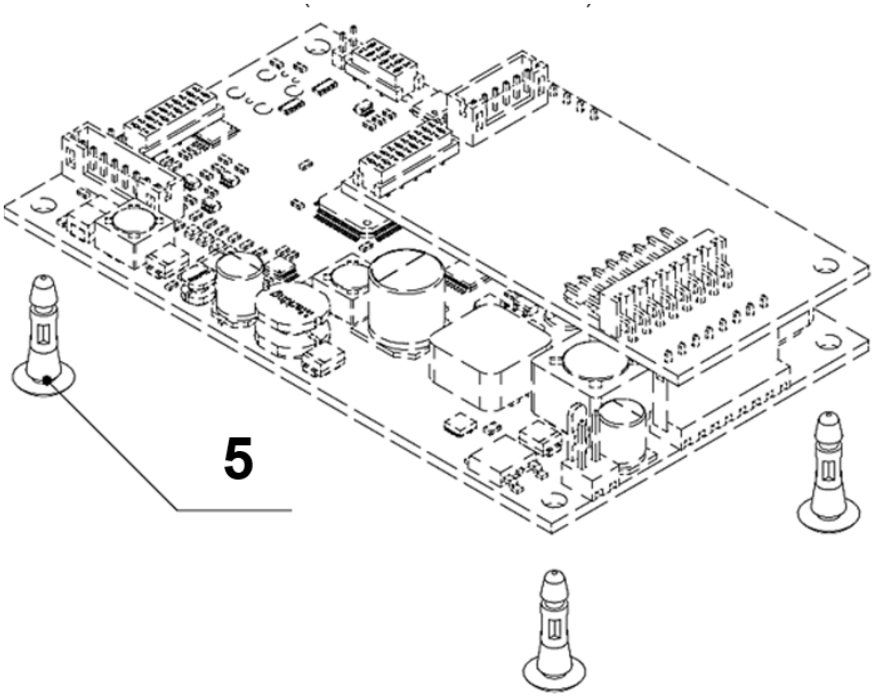
Pos.	Item no.	Product name	Unit	Quantity
001	V615.28-31-01	MC2 AND ISOLITE HOLDER / WHT1	PC	1.00
002	V629.54-00-02	SHORT SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V602.50-00-03	THREADED FASTENER, 1	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V602.50-00-04	INSERT, 1	PC	1.00
007	V600.3-00-23	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
010	V608.45-00-08	LOCK RING, 1	PC	2.00
011	V630.39-01-00	SOLENOID VALVE, JAKŠA, COMPLETE	PC	1.00
012	V619.28-43-00	SOLENOID VALVE, SIRAI 1, COMPLETE	PC	1.00
013	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
014	ME309231.019	THREADED FASTENER, M 3X14	PC	4.00
015	ME309255.077	THREADED FASTENER, M 3X18	PC	2.00
018	V629.28-00-03	RESTRICTOR, MODIFIED	PC	2.00
019	V606.41-00-21	LOCKING RING	PC	1.00
020	DSHO35	HOSE, DX	PC	1.00
901	V629.35-90-01	WIRES, YV - ASSEMBLY	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	3.00
903	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00

MB92 MOTOR MODULE ELECTRICAL CONNECTIONS FOR DX PRO MOTORS - V629.28-90-32

(only necessary for the first DX PRO or DX SRG motor)



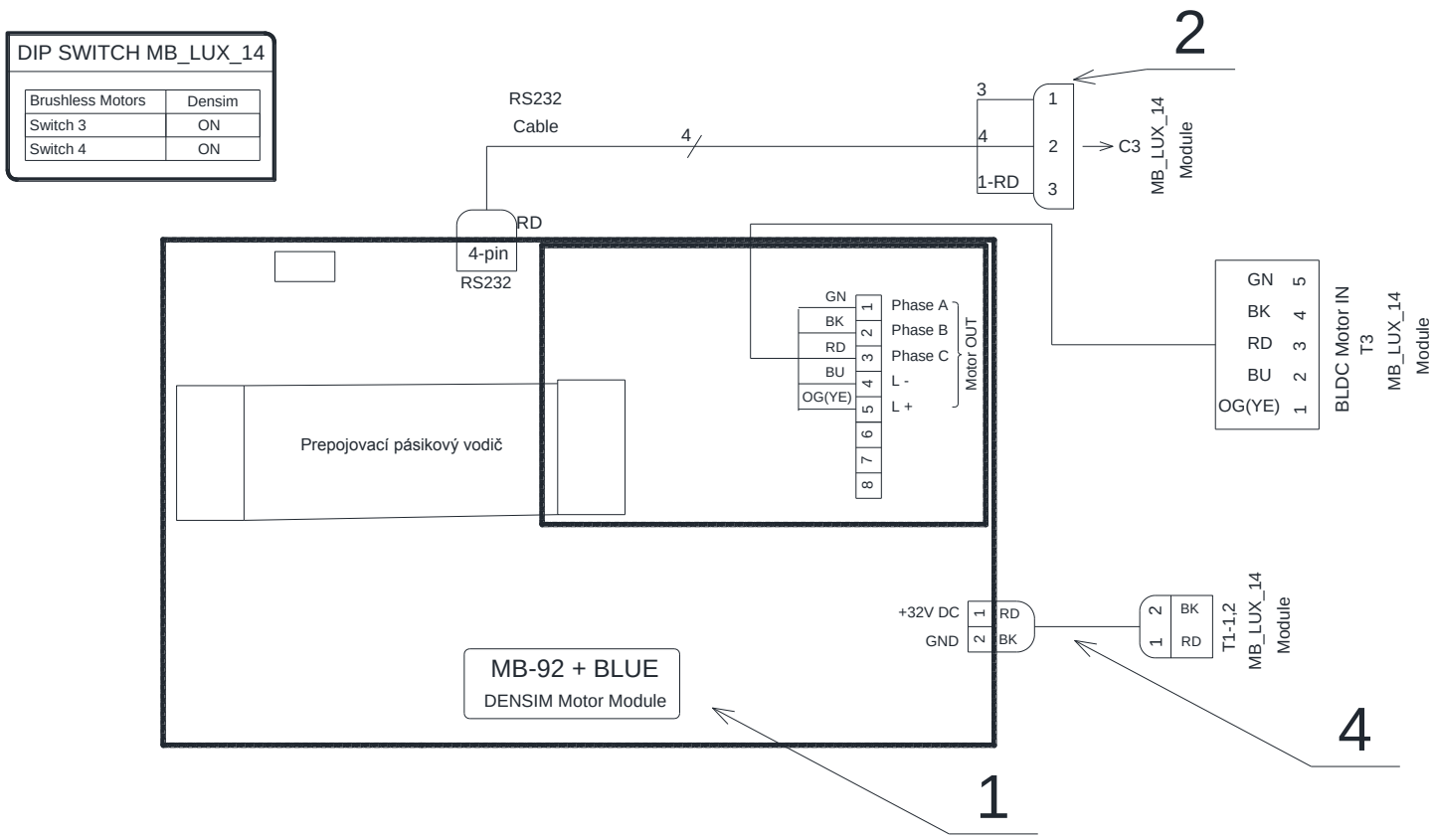
Module **DSMB92** (for DX PRO or DX SRG motor)



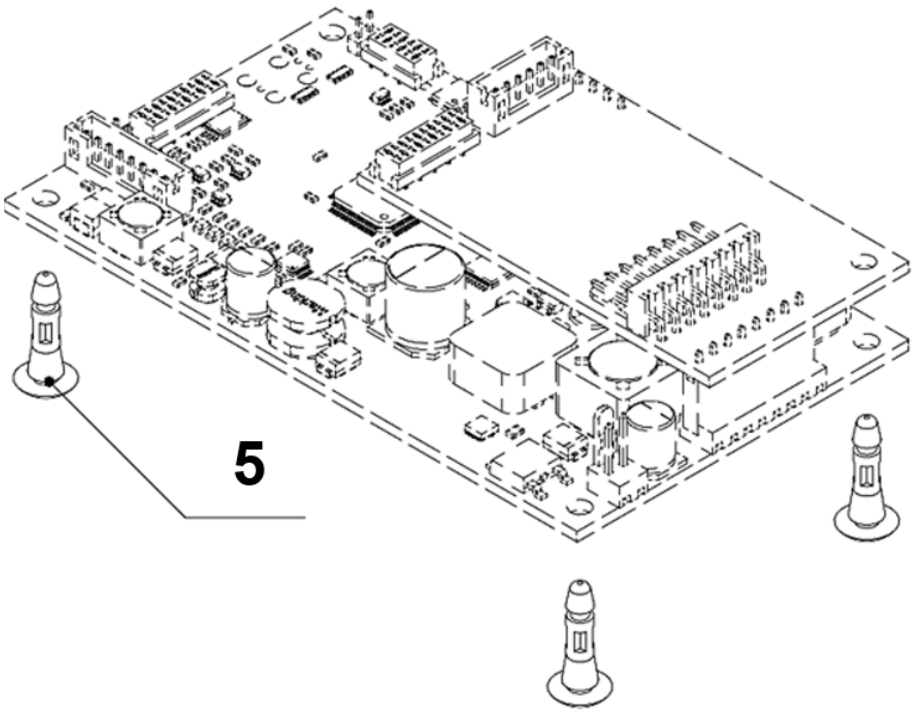
Pos.	Item no.	Product name	Unit	Quantity
001	DSMB92	DX PRO MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00
005	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00

DSMB92 BLUE MOTOR MODULE ELECTRICAL CONNECTIONS FOR DX PRO BLUE MOTORS - V629.28-90-32.3

(only necessary for the first DX PRO BLUE motor)



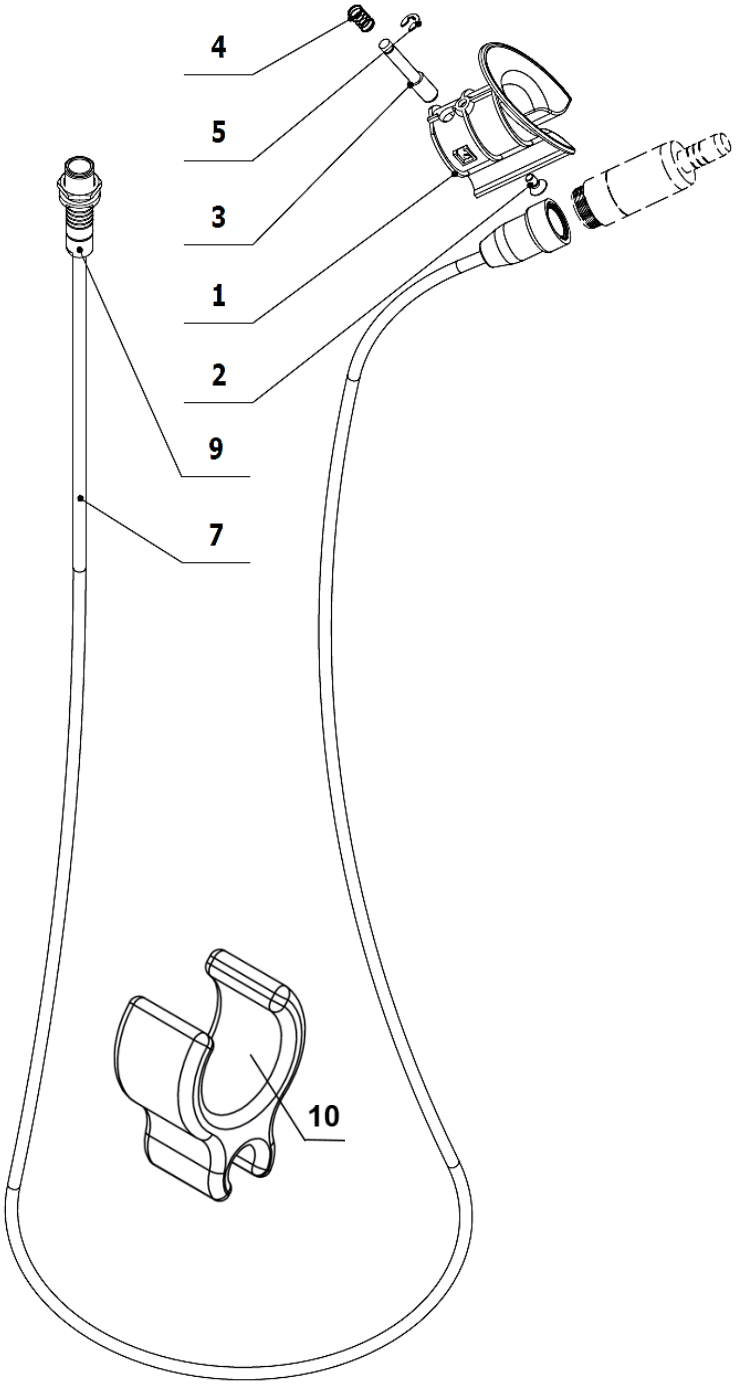
Module **DSMB92 BLUE** (for DX PRO BLUE motor)

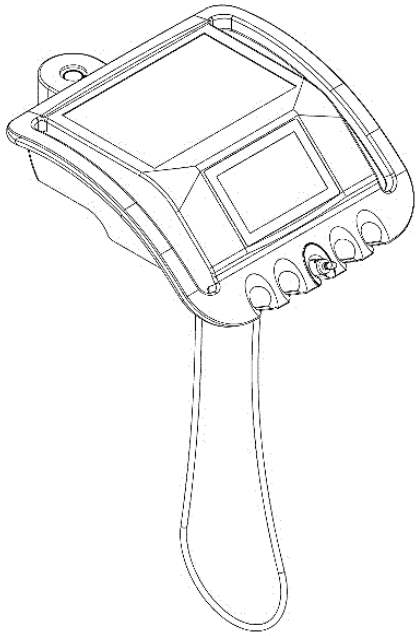


Pos.	Item no.	Product name	Unit	Quantity
001	DSMB92BLUE	DX PRO BLUE MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00

005	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00

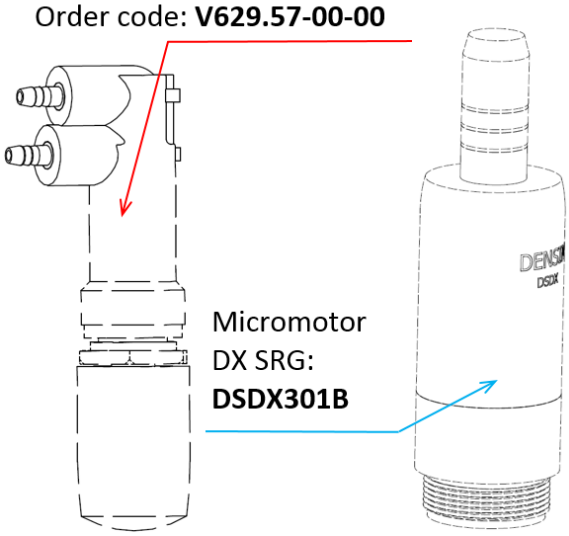
MICRO MOTOR DX SRG ACCESSORY - V629.39-00-00.3 K-001





To be ordered separately

Water regulator
Order code: **V629.57-00-00**



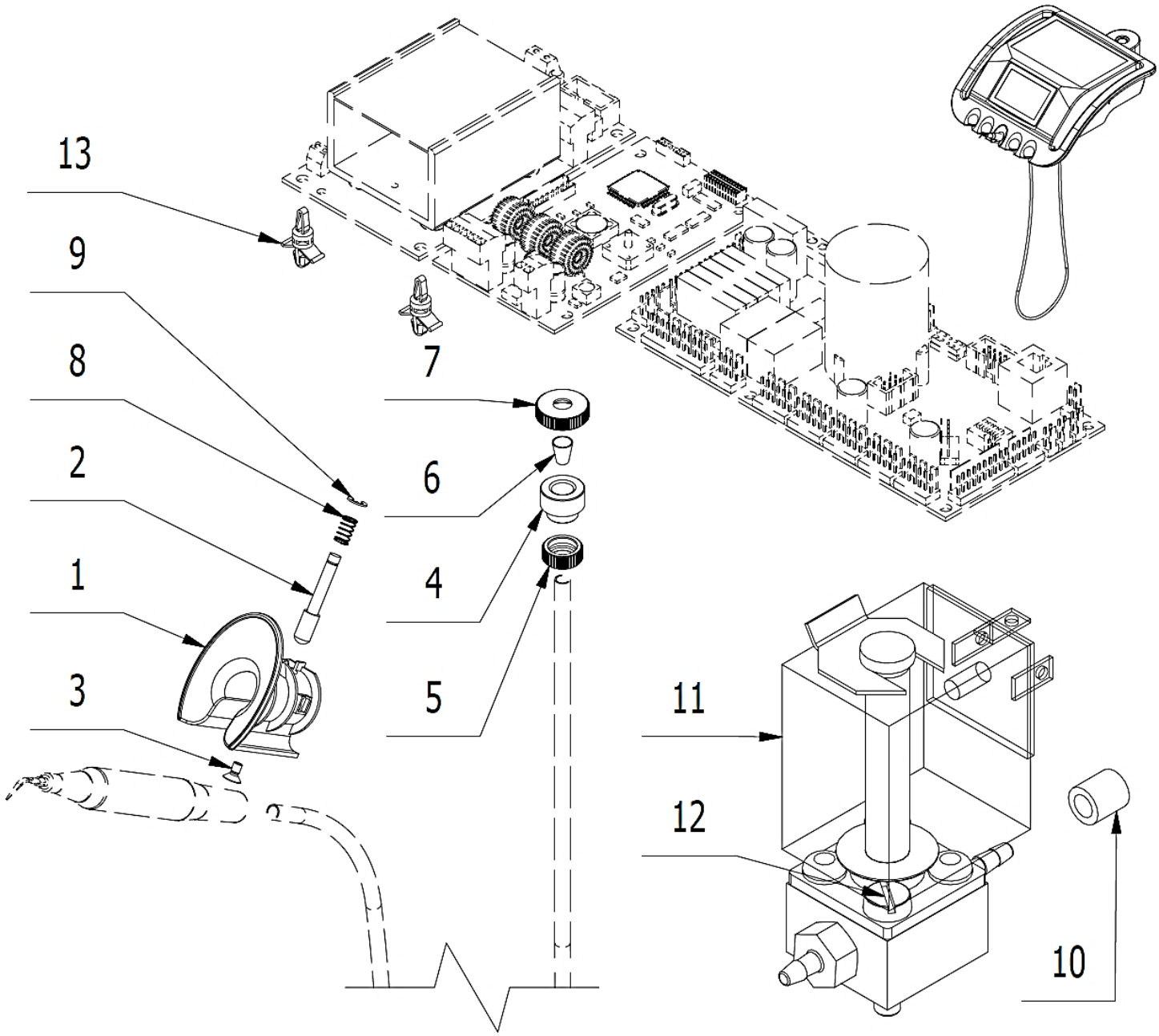
Micromotor
DX SRG:
DSDX301B

Pos.	Item no.	Product name	Unit	Quantity
001	V615.28-31-01	MC2 AND ISOLITE HOLDER / WHT1	PC	1.00
002	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
003	V629.54-00-02	SHORT SWITCH STUD	PC	1.00
004	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
005	ME311732.004	LOCK RING P 4	PC	1.00
007	DSCB1400	CABLE, DX SRG 1400 mm	PC	1.00
009	DSCBC001	FISCHER CONNECTOR FOR THE DX SRG CABLE	PC	1.00
010	V629.39-00-01	CLIP FOR IRRIGATION TUBE BienAir	KS	10,00
903	ME375000.004	INSULATED CRIMP FITTING - NITI 0.34X8TQ	PC	5.00

4 – USS – Ultra Sonic Scaler (Plaque removal instruments)

USS LM PROPOWER C ULTRALED ACCESSORY - V629.44-00-00.1

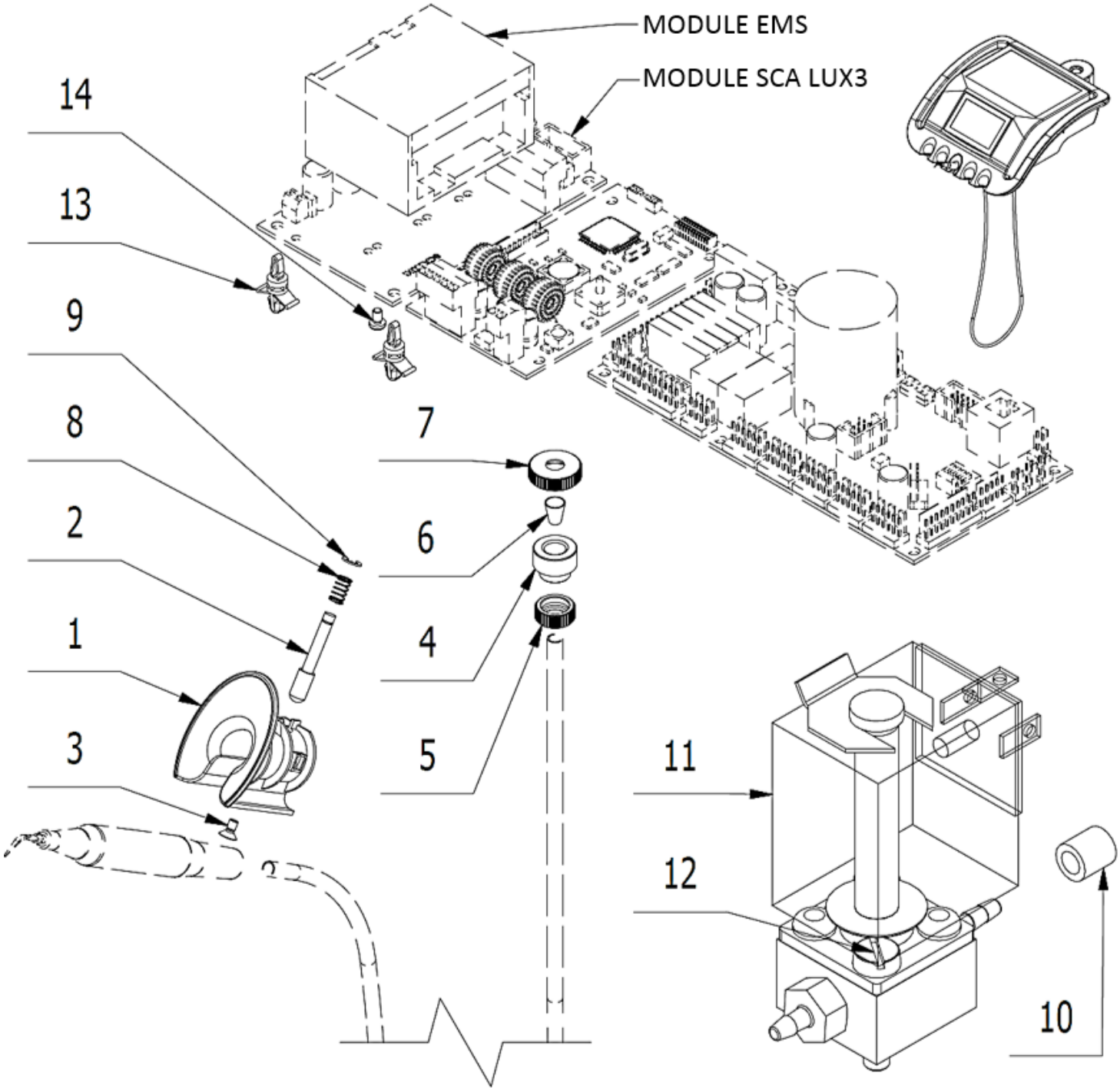
USS LM PROPOWER C BASIC ACCESSORY - V629.44-00-00.2



Position	Item no.	Product name	Unit	Quantity
001	**V615.28-11-03**	**MC3 HOLDER**	**PC**	**OPTION for V629.44-00-00.1**
001	**V615.28-18-01**	**MINIMATE HOLDER**	**PC**	**OPTION for V629.44-00-00.2**
002	V629.54-00-02	SHORT SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V600.3-00-19	THREADED FASTENER, 2	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V600.3-00-22	INSERT, 2	PC	1.00
007	V600.3-00-23.1	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00

010	V608.45-00-08	LOCK RING, 1	PC	1.00
011	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
012	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
013	ME371418.027	SPACER POST.h=6.4 mm SNAP-TYPE	PC	4.00
901	ME374000.376	SCA_LUX3 MODULE	PC	1.00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1.00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2.00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2.00
905	V400.01-01-40	LABEL, TEXT	PC	1.00
906	V629.44-90-06.1	WIRES, LM - ASSEMBLY	PC	1.00
907	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	2.00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2.00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5.00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2.00
912	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	2.00
913	ME374060.010	HOUSING, NSG 25-2	PC	1.00

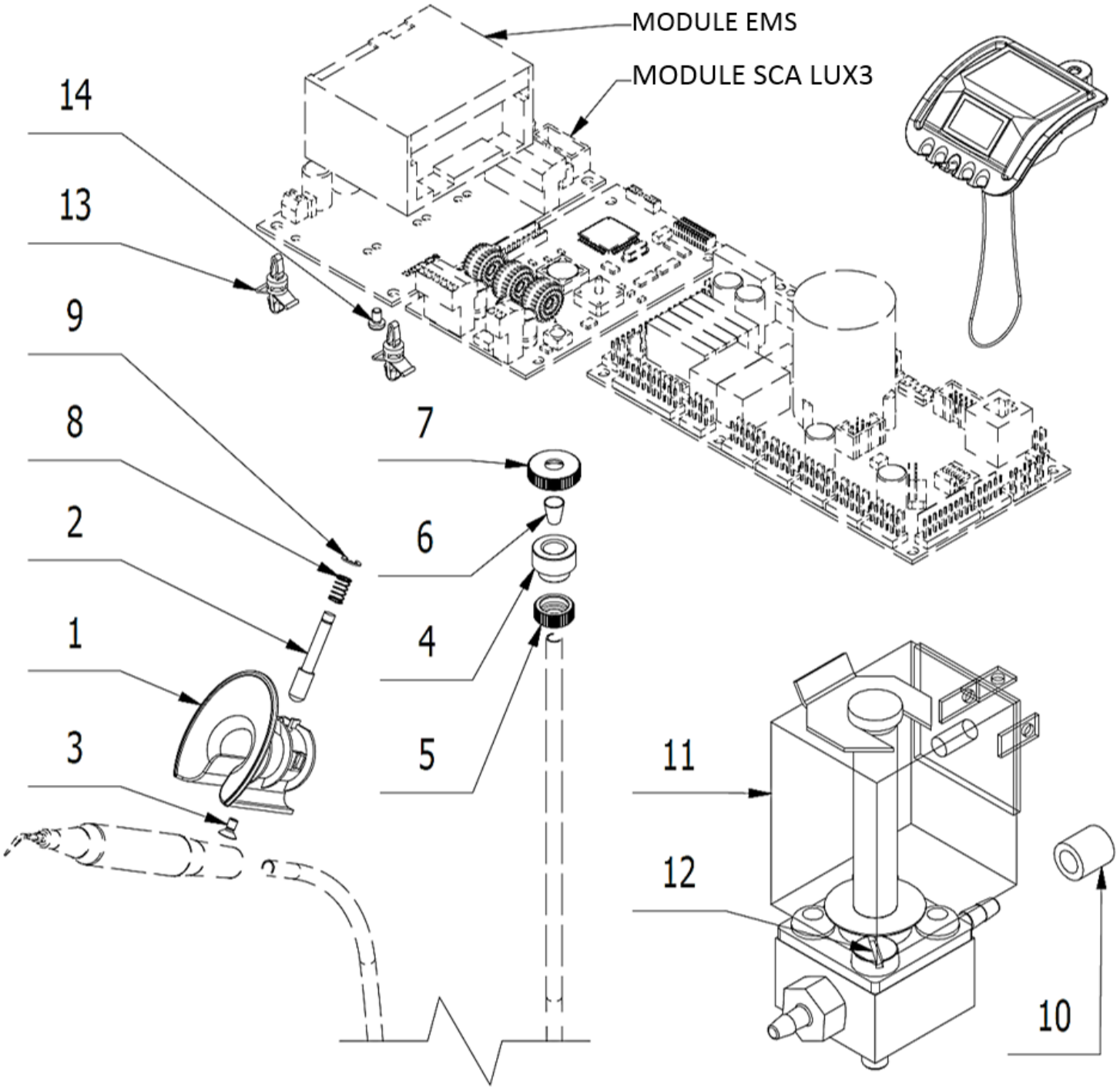
USS EMS FS-367 LED ACCESSORY - V629.47-00-00.1



Pos.	Item no.	Product name	Unit	Quantity
001	V615.28-15-01	USS HOLDER / WHT1	PC	1.00
002	V629.33-00-02	LONG SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V600.3-00-19	THREADED FASTENER, 2	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V600.3-00-22	INSERT, 2	PC	1.00
007	V600.3-00-23.1	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
010	V608.45-00-08	LOCK RING, 1	PC	1.00
011	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00

012	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
013	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4.00
014	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
901	ME374000.376	SCA_LUX3 MODULE	PC	1.00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1.00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2.00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2.00
905	V400.01-01-40	LABEL, TEXT	PC	1.00
907	ME243422.010	SHRINK-FIT INSUL. SLEEVE, P 2.1 BLACK	M	0.12
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	4.00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2.00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5.00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2.00
912	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1.00
913	ME372000.020	DIODE 1N 4007 1 A/1000 V	PC	1.00

USS EMS FS-432 LED ACCESSORY - V629.47-00-00.3
USS EMS FS-433 ACCESSORY - V629.47-00-00.4



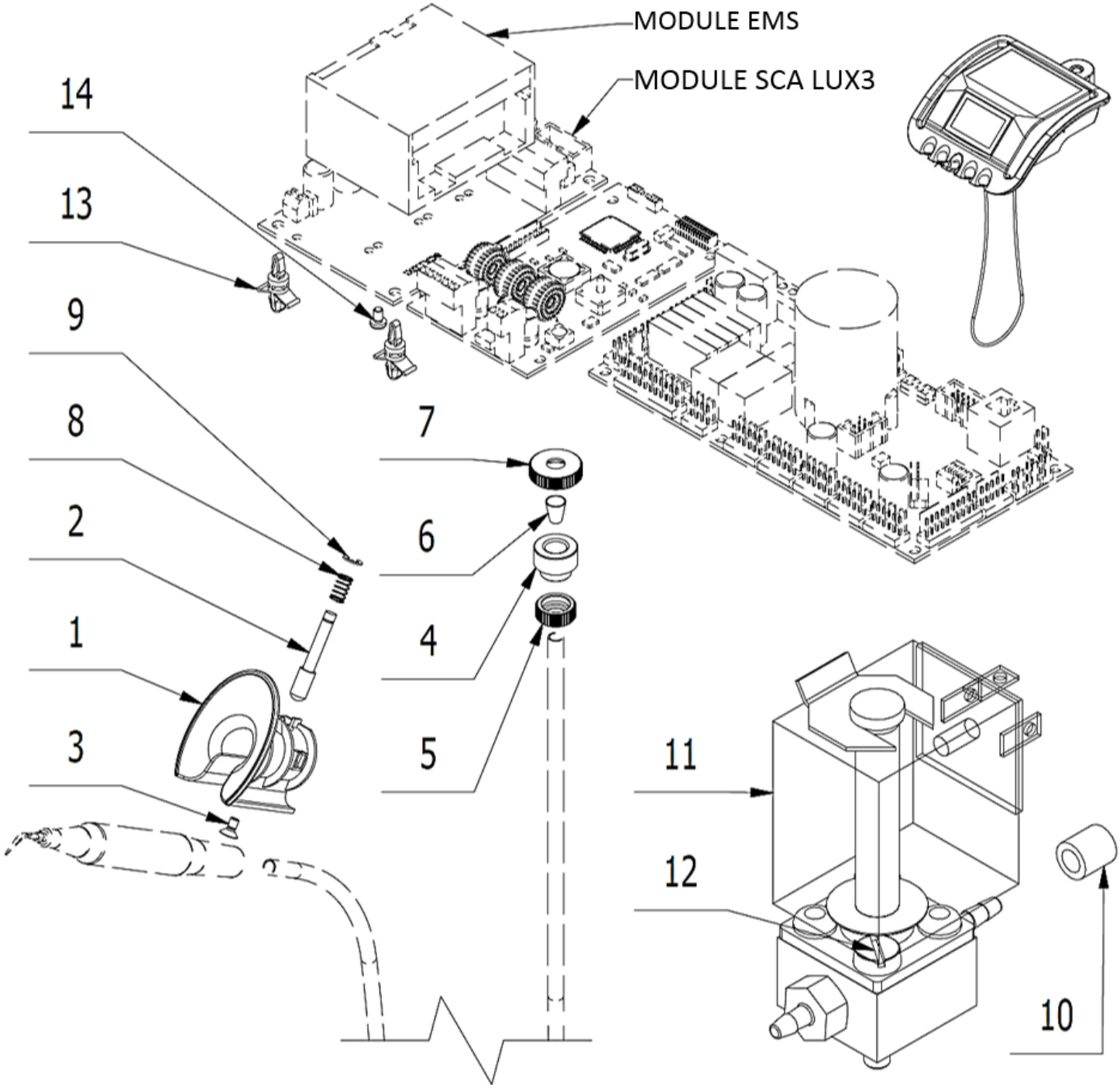
Pos.	Item no.	Product name	Unit	Quantity
001	V615.28-15-01	USS HOLDER / WHT1	PC	1.00
002	V629.33-00-02	LONG SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V600.3-00-19	THREADED FASTENER, 2	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V600.3-00-22	INSERT, 2	PC	1.00
007	V600.3-00-23.1	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
010	V608.45-00-08	LOCK RING, 1	PC	1.00

011	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
012	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
013	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4.00
014	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
901	ME374000.376	SCA_LUX3 MODULE	PC	1.00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1.00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2.00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2.00
905	V400.01-01-40	LABEL, TEXT	PC	1.00
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	2.00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5.00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2.00
912	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1.00

EMS FS-432 LED = ME283367.120

EMS FS-433 = ME283367.121

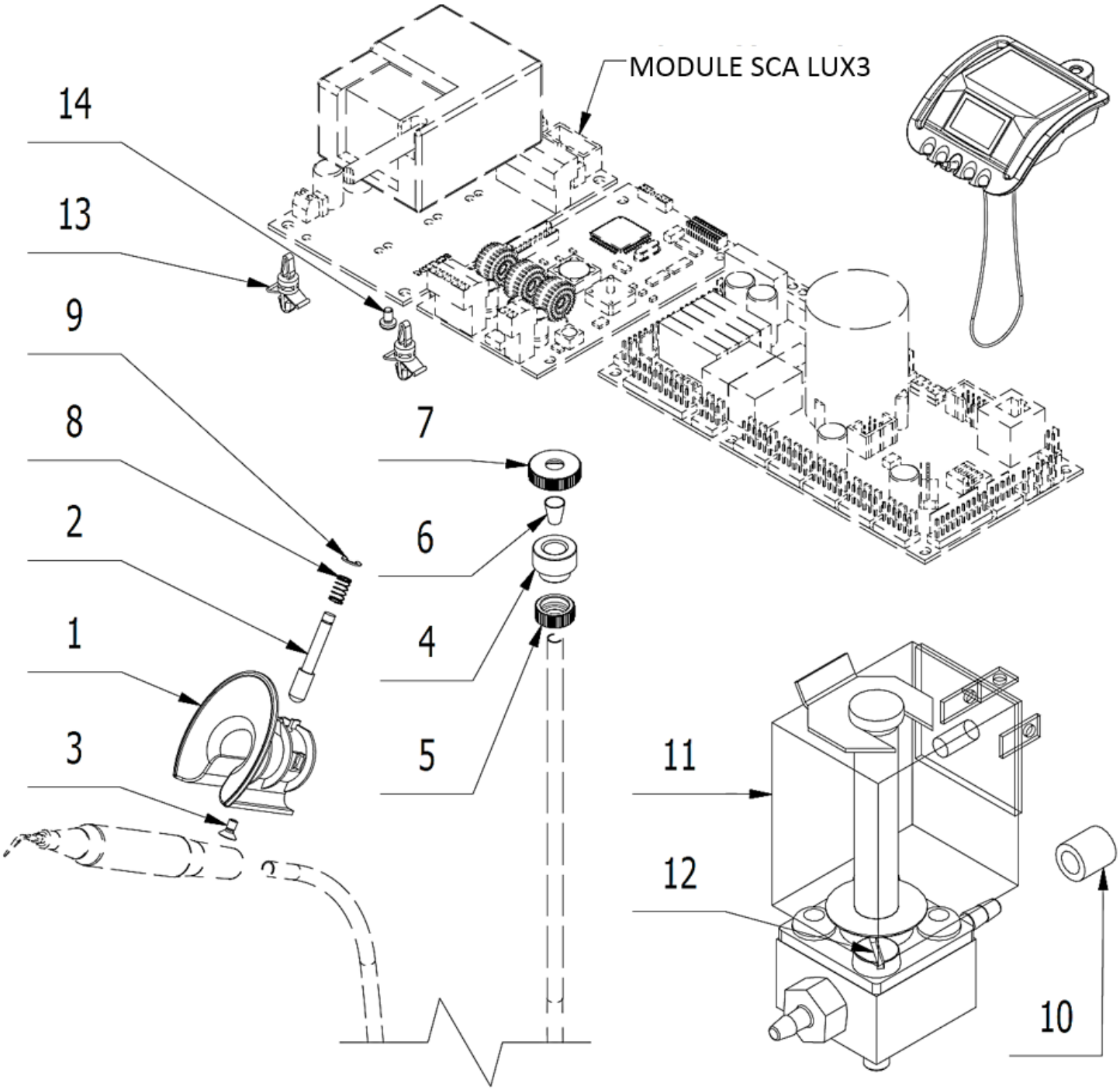
USS NSK VARIOS 170 ACCESSORY - V629.51-00-00
USS NSK VARIOS 170 LED ACCESSORY - V629.51-00-00.1



Position	Item no.	Product name	Unit	Quantity
001	**V615.28-13-01**	**MINILIGHT HOLDER (for NSK VARIOS 170 LED)**	**PC**	**OPTION for V629.51-00-00.1**
001	**V615.28-15-01**	**HOLDER (for NSK VARIOS 170)**	**PC**	**OPTION for V629.51-00-00**
002	V629.54-00-02	SHORT SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V600.3-00-19	THREADED FASTENER, 2	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V600.3-00-22	INSERT, 2	PC	1.00
007	V600.3-00-23.1	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00

009	ME311732.004	LOCK RING P 4	PC	1.00
010	V608.45-00-08	LOCK RING, 1	PC	1.00
011	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
012	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
013	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4.00
014	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
901	ME374000.376	SCA_LUX3 MODULE	PC	1.00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1.00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2.00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2.00
905	V400.01-01-40	LABEL, TEXT	PC	1.00
907	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1.00
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	4.00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2.00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5.00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2.00

USS SATELEC NEWTRON ACCESSORY - V629.48-00-00
USS SATELEC NEWTRON LED ACCESSORY - V629.48-00-00.1

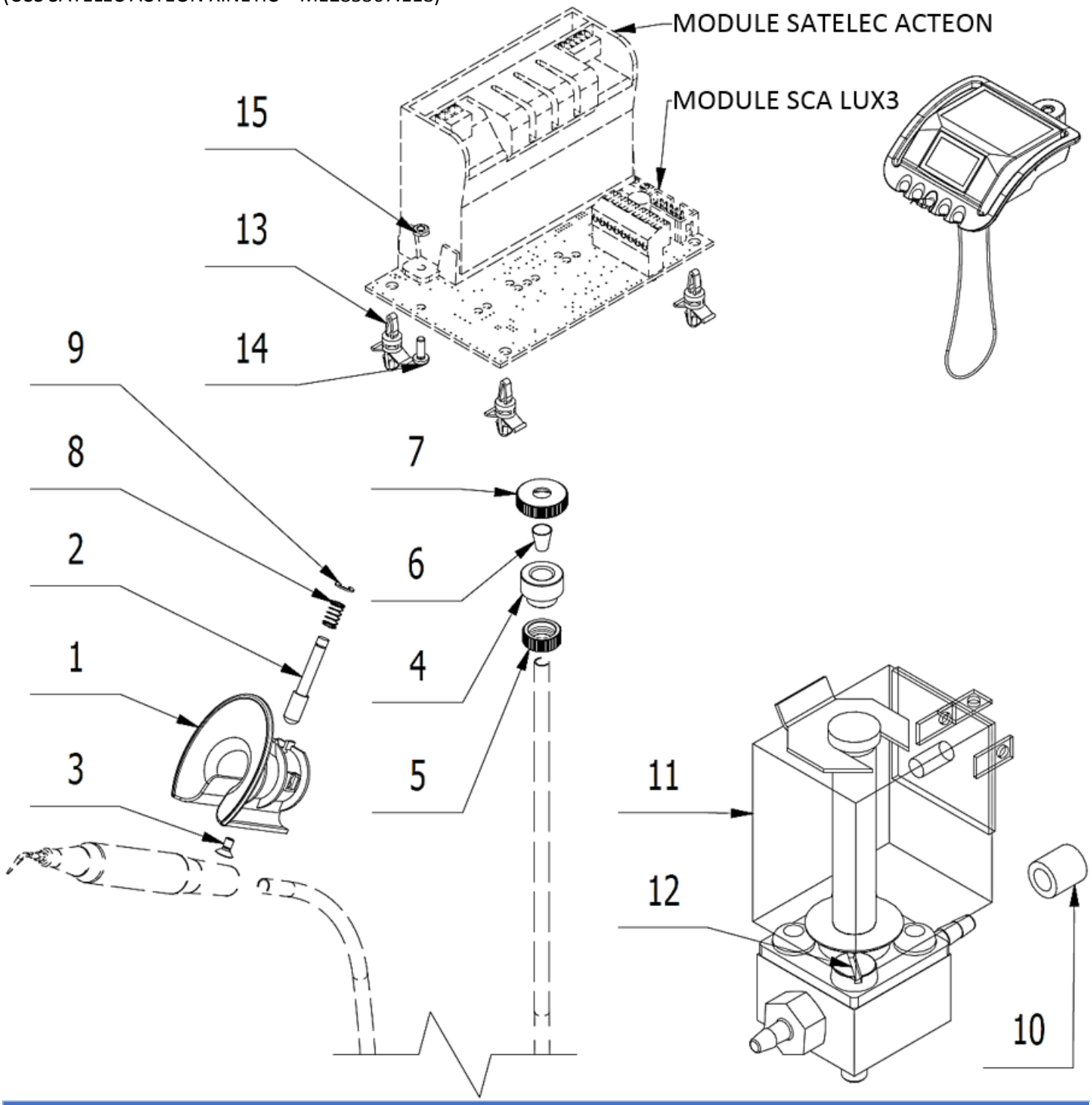


Position	Item no.	Product name	Unit	Quantity
001	V615.28-13-01	MINILIGHT HOLDER	PC	1.00
002	V629.54-00-02	SHORT SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V600.3-00-19	THREADED FASTENER, 2	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V600.3-00-22	INSERT, 2	PC	1.00
007	V600.3-00-23.1	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
010	V608.45-00-08	LOCK RING, 1	PC	1.00
011	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00

012	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
013	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4.00
014	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
901	ME374000.376	SCA_LUX3 MODULE	PC	1.00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1.00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2.00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2.00
905	V400.01-01-40	LABEL, TEXT	PC	1.00
906	ME371814.059	FUSE, 5X20 T 1.25A	PC	1.00
907	ME354321.011	RING WIRE CONNECTOR, 7610-01/4	PC	1.00
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	11.00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2.00
910	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1.00
911	ME375000.002	INSULATED CRIMP FITTING - NITI 0.75X8GY	PC	1.00
912	ME345621.012	TERMINAL STRIP, CM 1012	PC	1.00
913	V400.01-00-49	LABEL, XT3	PC	1.00
914	ME548232.303	LABEL, 4-602.8-00-57	PC	1.00
916	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5.00
917	ME345711.034	CLAMP, F0505 HC 101	PC	2.00

USS SATELEC ACTEON XINETIC ACCESSORY - V629.46-00-00.1

(USS SATELEC ACTEON XINETIC = ME283367.118)

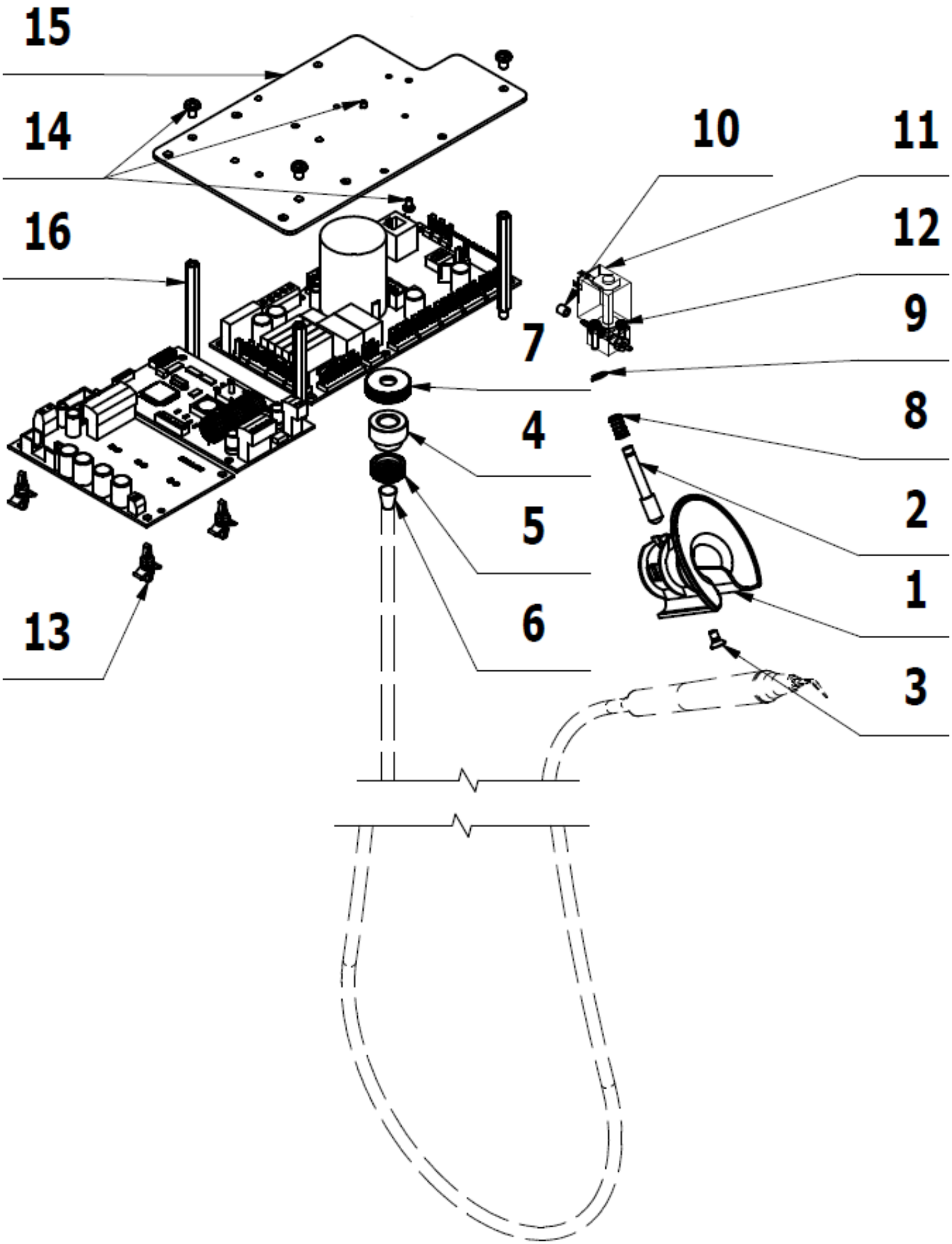


Position	Item no.	Product name	Unit	Quantity
001	V615.28-11-03	MC3 HOLDER / WHT1	PC	1.00
002	V629.54-00-02	SHORT SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V600.3-00-19	THREADED FASTENER, 2	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V600.3-00-22	INSERT, 2	PC	1.00
007	V600.3-00-23.1	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
010	V608.45-00-08	LOCK RING, 1	PC	1.00

011	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
012	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
013	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4.00
014	ME309255.036	THREADED FASTENER, M 3X8	PC	2.00
015	ME311210.019	NUT, M 3	PC	2.00
901	ME374000.376	SCA_LUX3 MODULE	PC	1.00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1.00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2.00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2.00
905	V400.01-01-40	LABEL, TEXT	PC	1.00
907	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	10.00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2.00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	10.00
911	ME345711.034	CLAMP, F0505 HC 101	PC	5.00
912	ME341419.006	WIRE, LiY 0.25 RD - 4126104S	M	0.15
913	ME341419.002	WIRE, LiY 0.25 BU - 4126002S	M	0.15
914	ME341419.016	WIRE, LiY 0.25 OG	M	0.15
915	ME341419.008	WIRE, LiY 0.25 GY - 4126106S	M	0.15

ACCESSORY FOR USS WOODPECKER UDS-N3 LED - V629.43-00-00

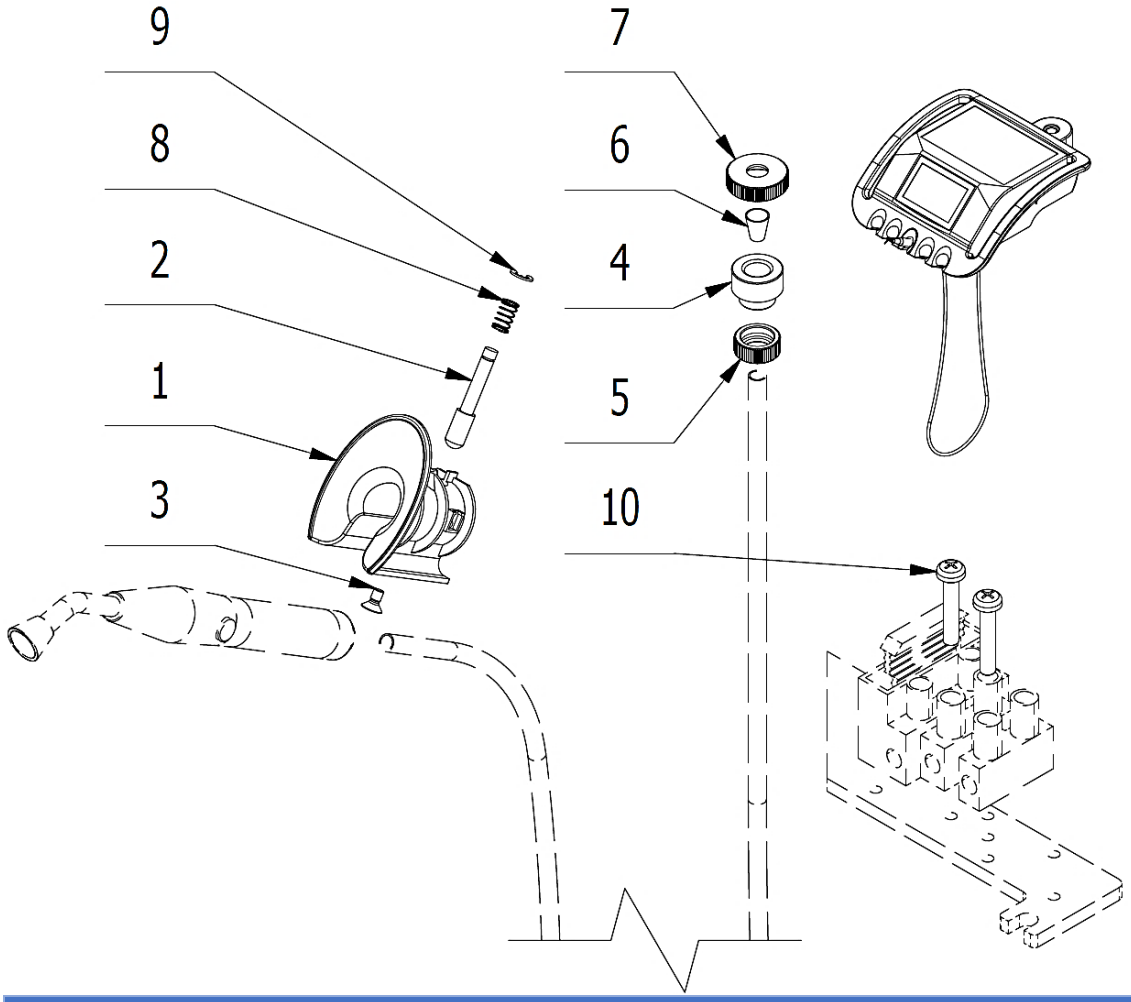
(WOODPECKER UDS-N3 LED = ME283367.124)



POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	V615.28-15-01	SCALER HOLDER	PC	1,00
002	V629.33-00-02	LONG SWITCH STUD	PC	1,00
003	ME309543.070	SCREW M 4X8	PC	1,00
004	V600.3-00-19	SCREW 2	PC	1,00
005	v600.3-00-20	NUT 2	PC	1,00
006	v600.3-00-22	INSERT 2	PC	1,00
007	v600.3-00-23.1	NUT 1	PC	1,00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1,00
009	ME311732.004	LOCKING RING P 4	PC	1,00
010	v608.45-00-08	LOCKING RING 1	PC	1,00
011	v619.28-44-00	SOLENOID VALVE, SIRAI	PC	1,00
012	ME309231.019	SCREW M 3X14	PC	2,00
013	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4,00
014	ME309543.088	SCREW M 3X5	PC	2,00
015	V629.33-00-12	MODULES PLATE	PC	1,00
016	V629.33-00-11	MODULE BOARD POST	PC	3,00
901	ME374000.376	MODULE SCA_LUX3	PC	1,00
902	ME374010.069	CABLE SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	CONDUCTOR WH	PC	2,00
904	V629.44-90-04.1	CONDUCTOR GN	PC	2,00
905	V400.01-01-40	LABEL TEXT	PC	1,00
906	ME283367.125	WOODPECKER ADAPTER	PC	1,00
910	ME397900.012	CABLE TIE F 0301 CV-094	PC	5,00
911	ME345711.034	ADHESIVE CLIP F0505 HC 101	PC	2,00

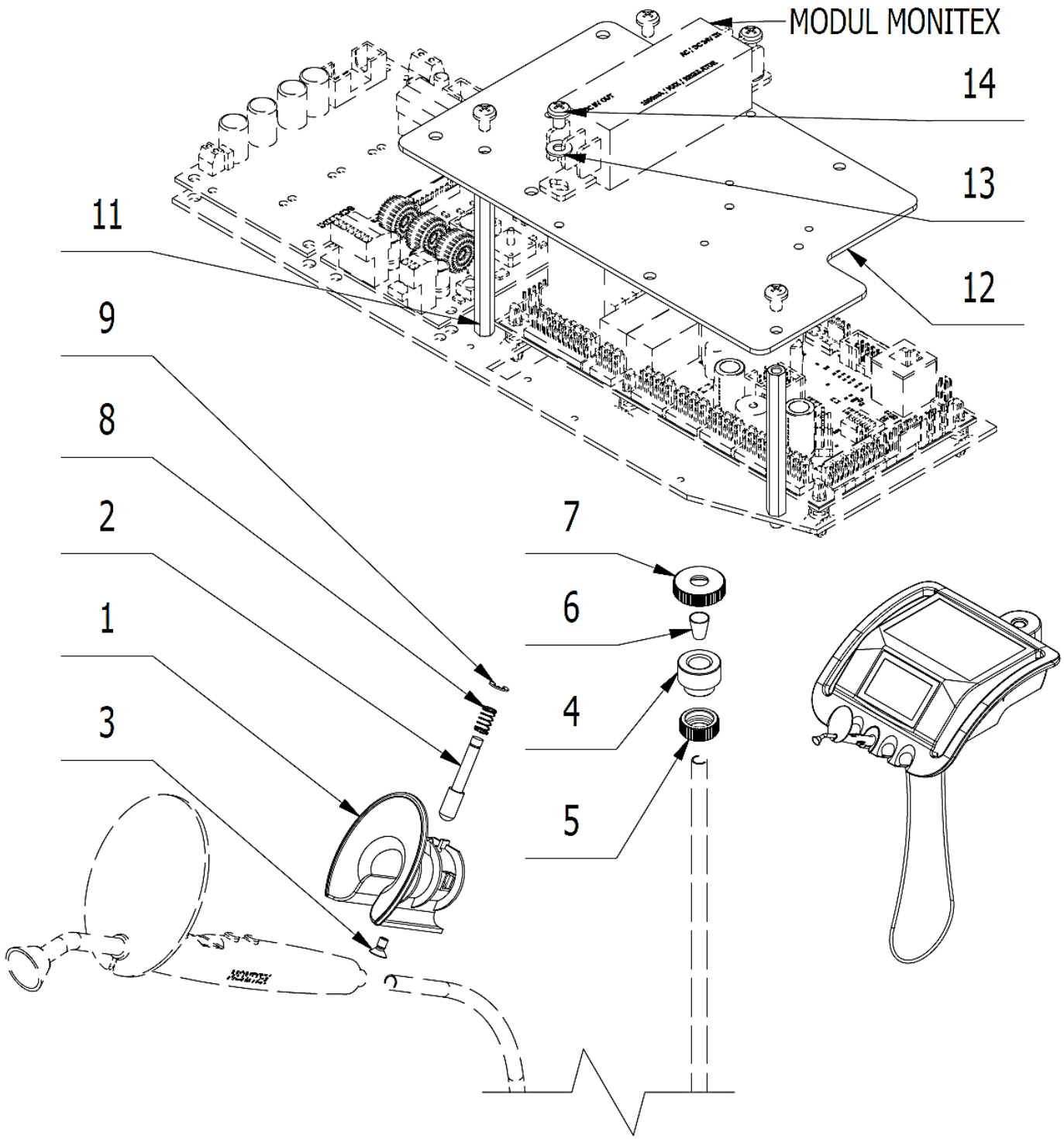
5 – Curing lamps

MECTRON PLM ACCESSORY - V629.50-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V615.28-13-01	MINILIGHT HOLDER / WHT1	PC	1.00
002	V629.54-00-02	SHORT SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V600.3-00-19	THREADED FASTENER, 2	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V600.3-00-22	INSERT, 2	PC	1.00
007	V600.3-00-23.1	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
010	ME309255.049	THREADED FASTENER, M 3X16	PC	2.00
901	ME345621.010	TERMINAL STRIP WITH FUSE, CM 1035	PC	1.00
902	ME371814.057	FUSE, 5X20 T 315 mA	PC	1.00
903	V400.01-00-54	LABEL, XT8	PC	1.00
904	ME735000.169	LABEL, 4-602.2-90-23	PC	1.00
905	V400.01-00-45	LABEL, FU9	PC	1.00
906	ME735000.274	LABEL, T315 MA	PC	1.00
907	ME341419.007	WIRE, LiY 0.25 WH - 4126105S	M	1.02
908	ME341419.008	WIRE, LiY 0.25 GY - 4126106S	M	0.40
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2.00
910	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	6.00
911	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	2.00
912	ME374060.010	HOUSING, NSG 25-2	PC	1.00

MONITEX PLM ACCESSORY - V629.50-00-00.1

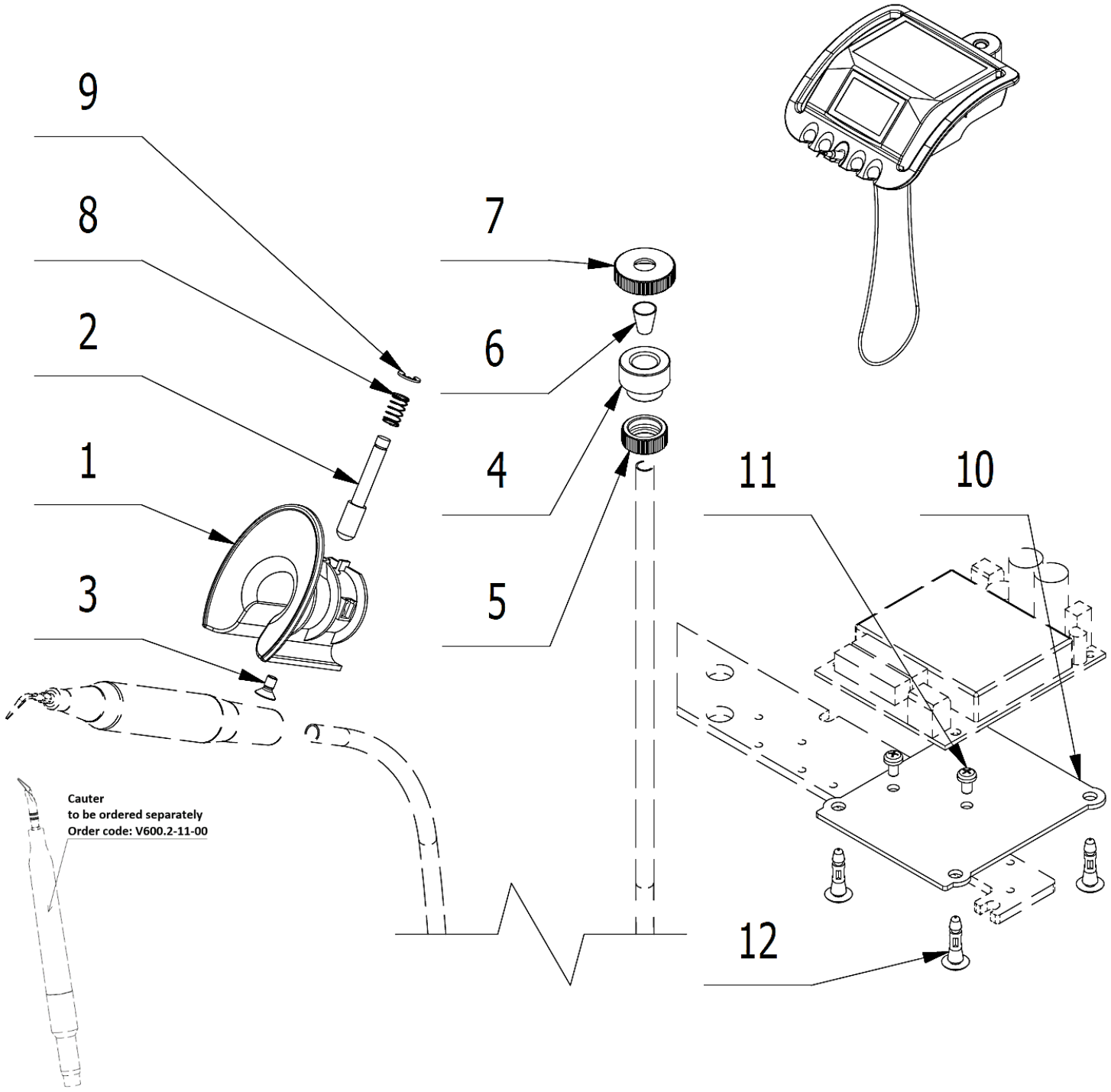


Pos.	Item no.	Product name	Unit	Quantity
001	V615.28-31-01	MC2 AND ISOLITE HOLDER / WHT1	PC	1.00
002	V629.54-00-02	SHORT SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V600.3-00-19	THREADED FASTENER, 2	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V600.3-00-22	INSERT, 2	PC	1.00
007	V600.3-00-23.1	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
011	V629.33-00-11	MODULE BOARD POST	PC	3.00

012	V629.33-00-12	MODULE BOARD	PC	1.00
013	ME311210.028	WASHER, P 4.3	PC	2.00
014	ME309255.073	THREADED FASTENER, M 4X6	PC	2.00
901	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	8.00
902	ME341411.059	WIRE, LAU 0.5 WHITE	M	1.00
903	ME345621.021	TERMINAL STRIP WITH FUSE, CM 1025	PC	1.00
904	ME371814.057	FUSE, 5X20 T 315 mA	PC	1.00
905	V400.01-00-54	LABEL, XT8	PC	1.00
906	V400.01-00-45	LABEL, FU9	PC	1.00
907	ME735000.274	LABEL, T315 MA	PC	1.00
908	ME309255.049	THREADED FASTENER, M 3X16	PC	1.00
909	ME375000.004	INSULATED CRIMP FITTING - NITI 0.34X8TQ	PC	2.00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00
911	ME345711.034	CLAMP, F0505 HC 101	PC	1.00

6 – Cauter

►CAUTER ACCESSORY - V629.59-00-00



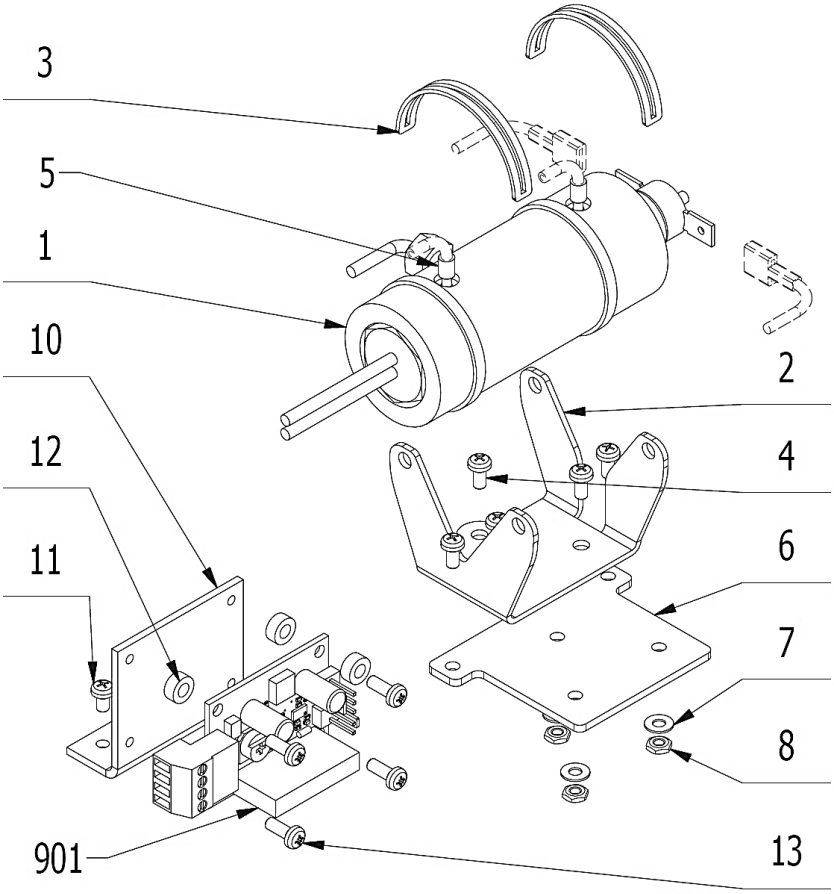
Pos.	Item no.	Product name	Unit	Quantity
001	V615.28-14-01	HOLDER, BLACK PEARL ECO, BORA, CAUTER / WHT1	PC	1.00
002	V629.33-00-02	LONG SWITCH STUD	PC	1.00
003	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
004	V602.50-00-03	THREADED FASTENER, 1	PC	1.00
005	V600.3-00-20	NUT, 2	PC	1.00
006	V602.50-00-04	INSERT, 1	PC	1.00
007	V600.3-00-23	NUT, 1	PC	1.00
008	ME315170.067	COMPRESSION SPRING, TL 0400x068x0181	PC	1.00
009	ME311732.004	LOCK RING P 4	PC	1.00
010	V629.59-00-10	CAUTER PLATE	PC	1.00

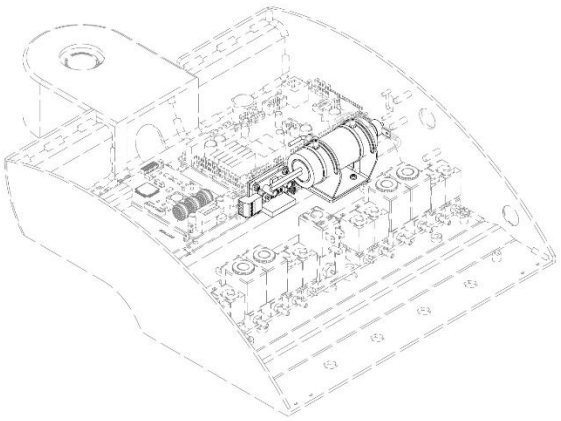
011	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
012	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00
901	ME374000.270	ECO_CAU1 MODULE	PC	1.00
902	V629.59-90-02	CABLE, MB-CAU_LUX	PC	1.00
903	V629.59-90-03	WIRES, WH - ASSEMBLY	PC	1.00
905	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	2.00
906	ME375000.007	INSULATED CRIMP FITTING - NITI 2X1X7.8RD	PC	2.00

7 – Other control panel accessories

►WATER HEATER ACCESSORY - V629.45-00-00

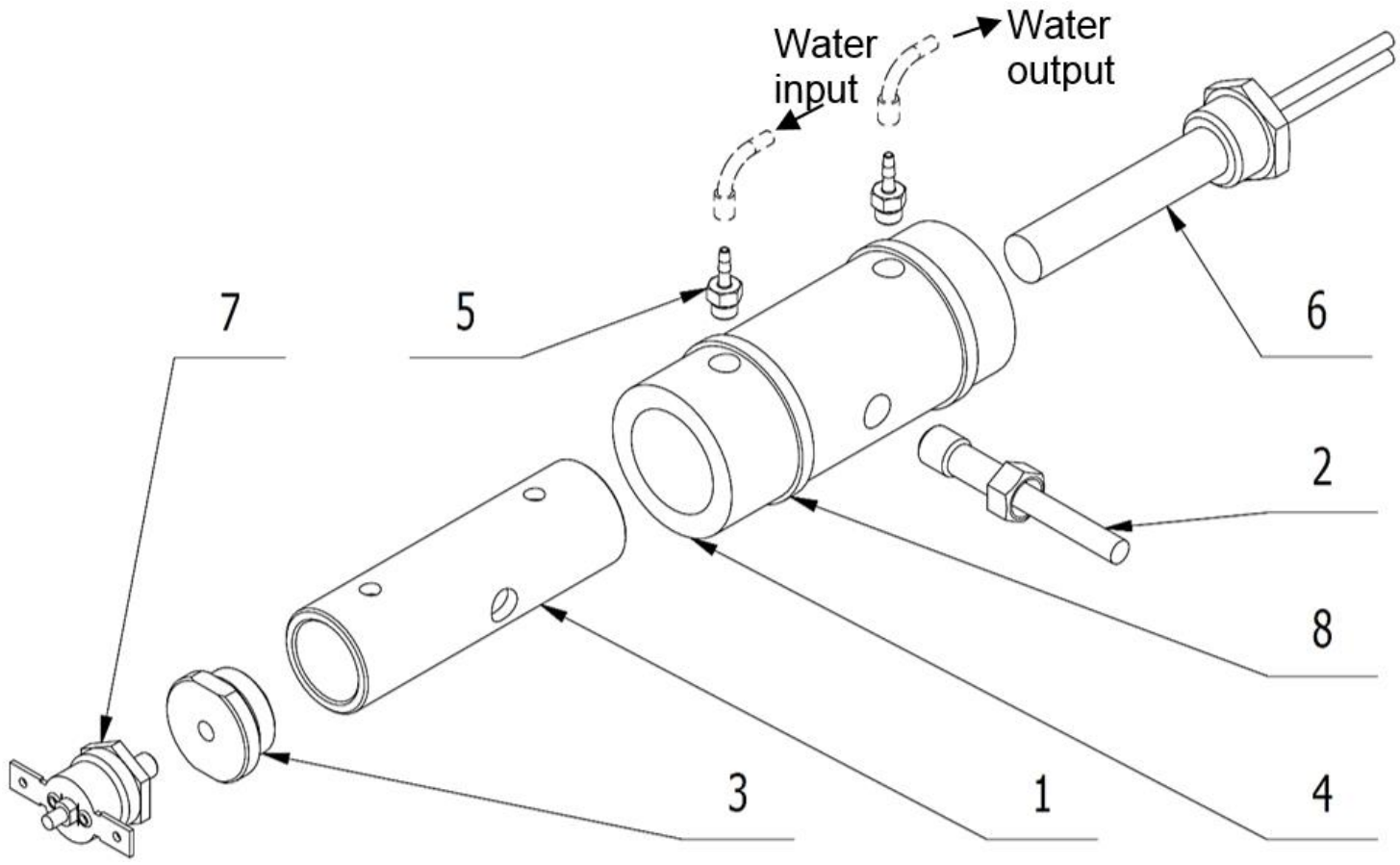
(used with DA270, DA280)

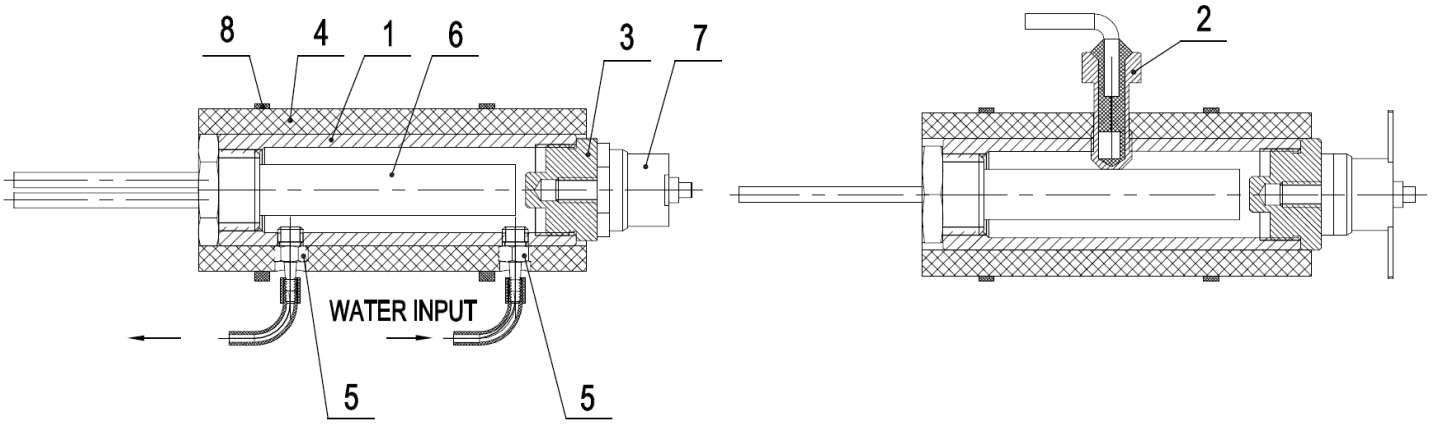




Pos.	Item no.	Product name	Unit	Quantity
001>>	V635.45-01-00	HEATER	PC	1.00
002	V618.45-00-02	HEATER HOLDER	PC	1.00
003	ME397800.015	CABLE TIE, F0301 CV-200	PC	2.00
004	ME309255.051	THREADED FASTENER, M 3X6	PC	5.00
005	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	2.00
006	V629.45-00-06	HOLDER	PC	1.00
007	ME311210.040	WASHER, P 3.2	PC	3.00
008	ME311210.019	NUT, M 3	PC	3.00
010	V629.45-00-07	MODULE HOLDER	PC	1.00
011	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
012	ME371418.008	SPACER POST, KDR 03	PC	4.00
013	ME309255.036	THREADED FASTENER, M 3X8	PC	4.00
901	ME374000.356	TWH1 MODULE	PC	1.00
902	V635.45-90-01	POWER WIRES, TWH1 MODULE	PC	1.00
903	V635.45-90-02	WIRE FOR HEATER	PC	1.00
904	ME345571.001	FASTON SOCKET, 6.3 0.3-0.8 mm2	PC	1.00
905	ME343415.032	INSULATION SLEEVE, 6.3 mm, PA	PC	1.00
906	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	3.00
907	ME374060.011	HOUSING, NSG 25-3	PC	1.00
908	V635.45-90-03	WIRES, TWH1 MODULE	PC	1.00
909	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1.00

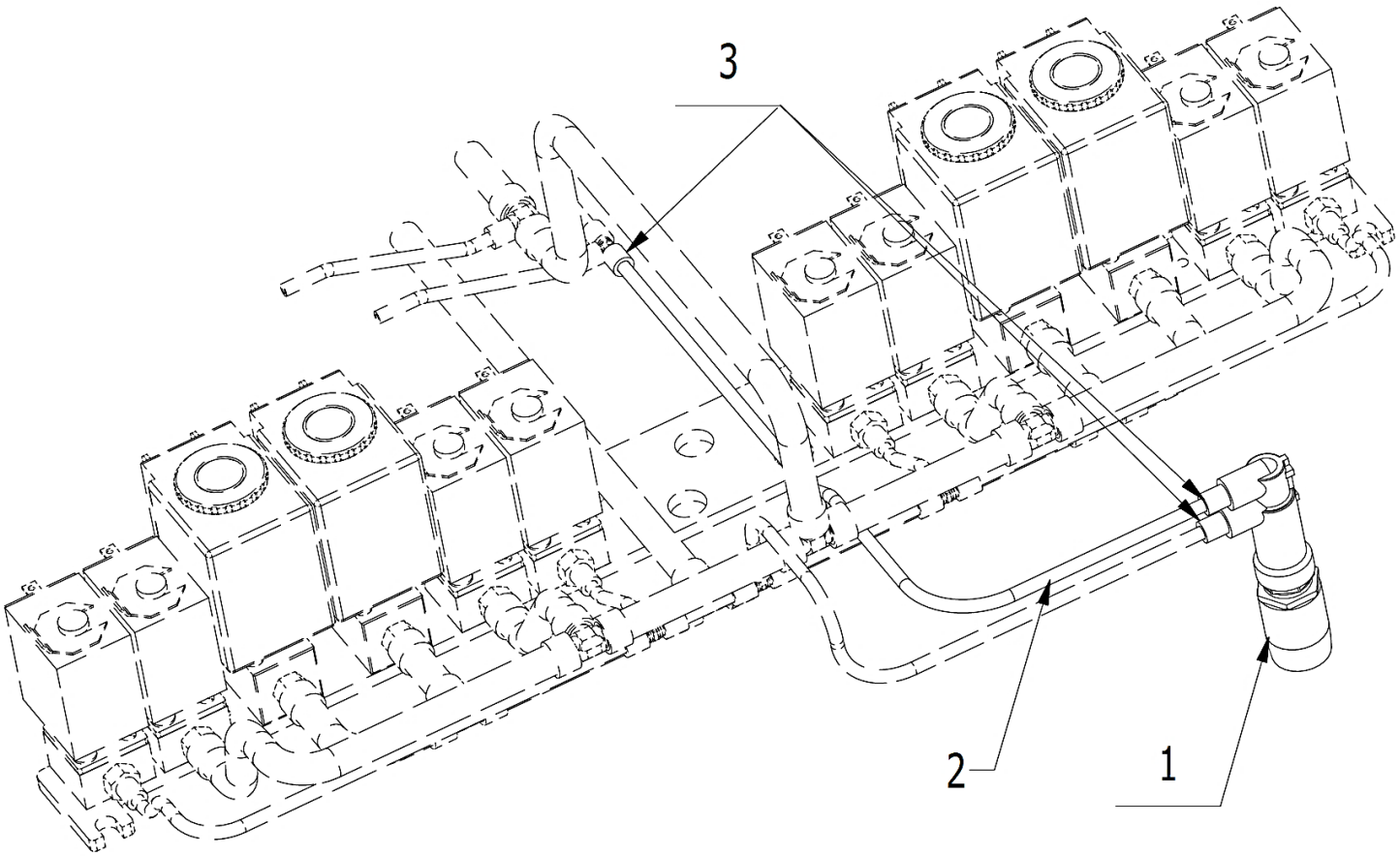
>>HEATER - V635.45-01-00





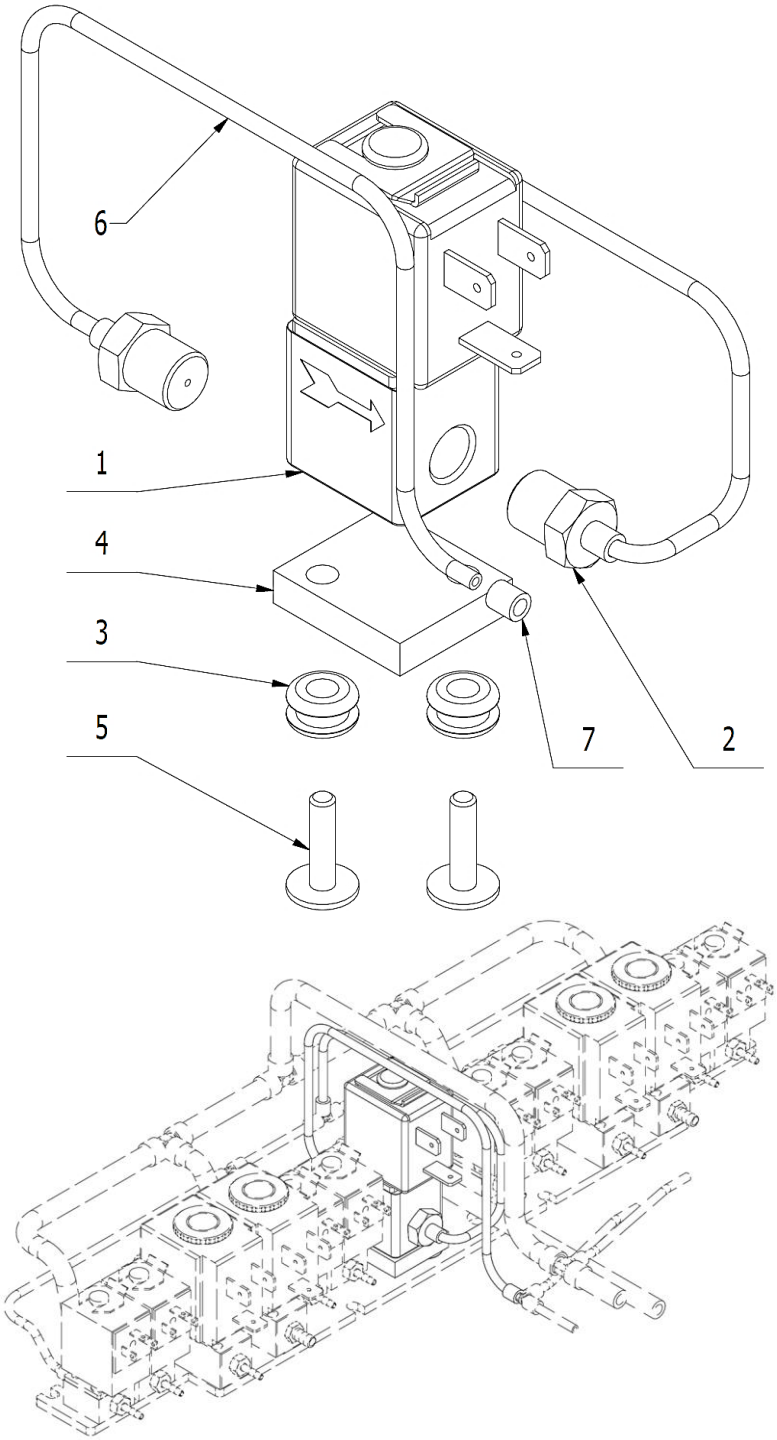
Position	Item no.	Product name	Unit	Quantity
001	V618.45-01-01.1	HEATER BODY	PC	1.00
002	V635.45-02-00	HEATER SENSOR	PC	1.00
003	V618.45-01-03	THERMOSTAT BUSHING	PC	1.00
004	V618.45-01-04	INSULATION, PR 22X6	PC	1.00
005	ME397522.004	TAIL-PIECE, 11752-2-M5-PKG	PC	2.00
006	ME541525.010	100 W HEATING ELEMENT	PC	1.00
007	ME405720.005	THERMOSTAT, S-3014 2455RM LIMITER	PC	1.00
008	ME397800.015	CABLE TIE, F0301 CV-200	PC	2.00

►CHILLED WATER REGULATOR ACCESSORY - V629.57-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V622.28-80-00	WATER REGULATOR	PC	1.00
002	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.22
003	V608.45-00-08	LOCK RING, 1	PC	3.00

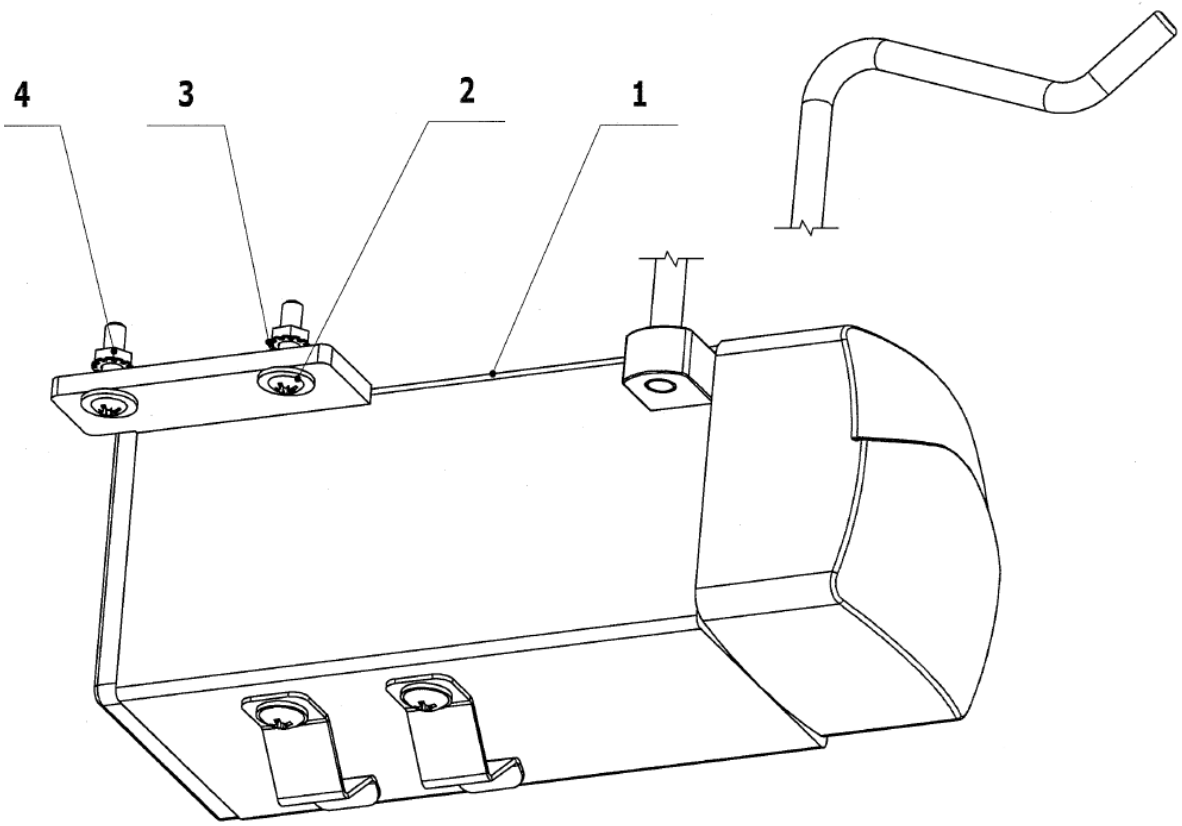
PROPORTIONAL VALVE ACCESSORY - V629.58-00-00

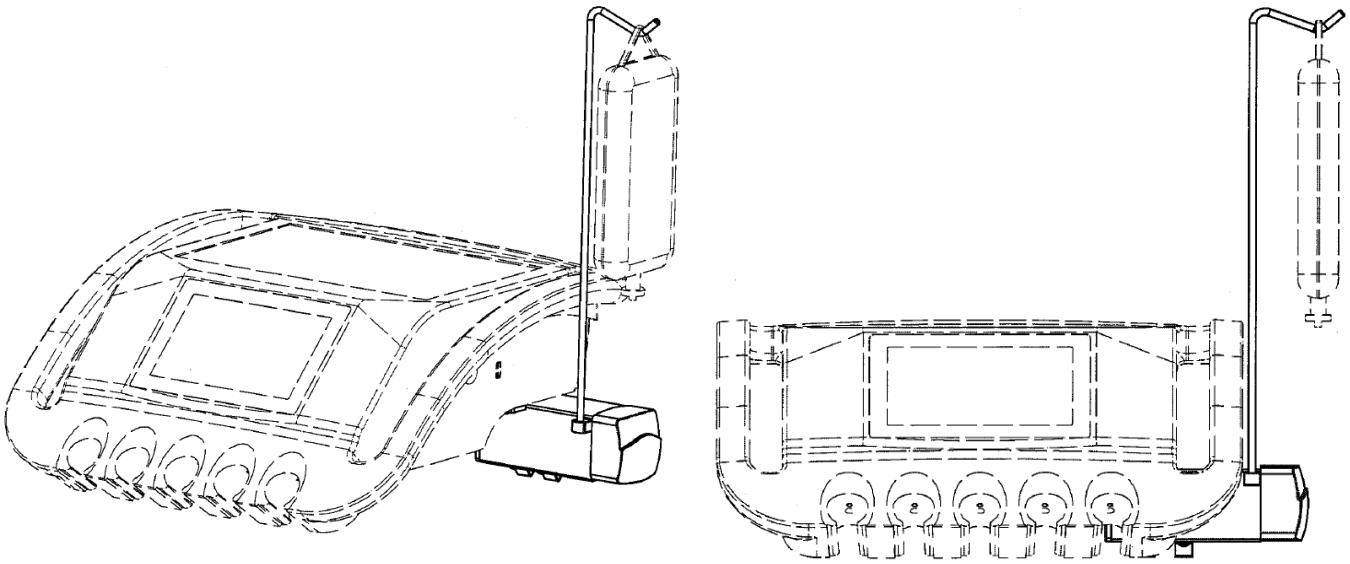


Pos.	Item no.	Product name	Unit	Quantity
001	ME551114.004	PROPORTIONAL VALVE, ASCO SCG202A207V	PC	1.00
002	ME336401.023	ADAPTER 18210-1	PC	2.00
003	ME273121.042	BUSHING, TYPE F2, 5X3	PC	2.00
004	V619.28-58-10	VIBRATION INSULATION	PC	1.00
005	ME309251.107	THREADED FASTENER, M 4X16, DECORATIVE	PC	2.00
006	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.50
007	V608.45-00-08	LOCK RING, 1	PC	4.00
901	ME374100.076	PROP. WATER VALVE WIRES	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	1.00
903	ME374000.407	MODULE, RCD-24-0 - 50	PC	1.00

► PERISTALTIC PUMP ACCESSORY - V629.31-00-00

(for DA270, DA280)



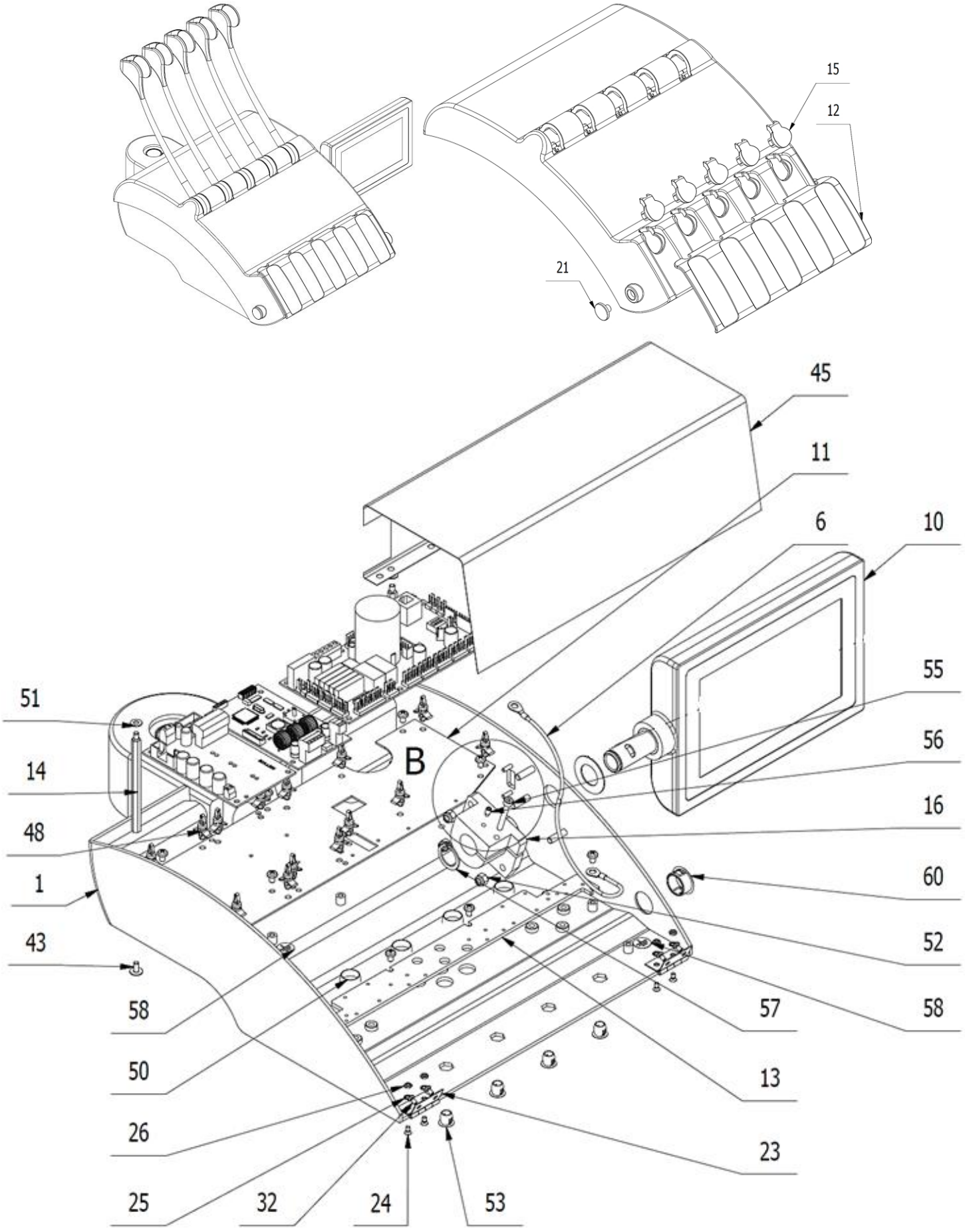


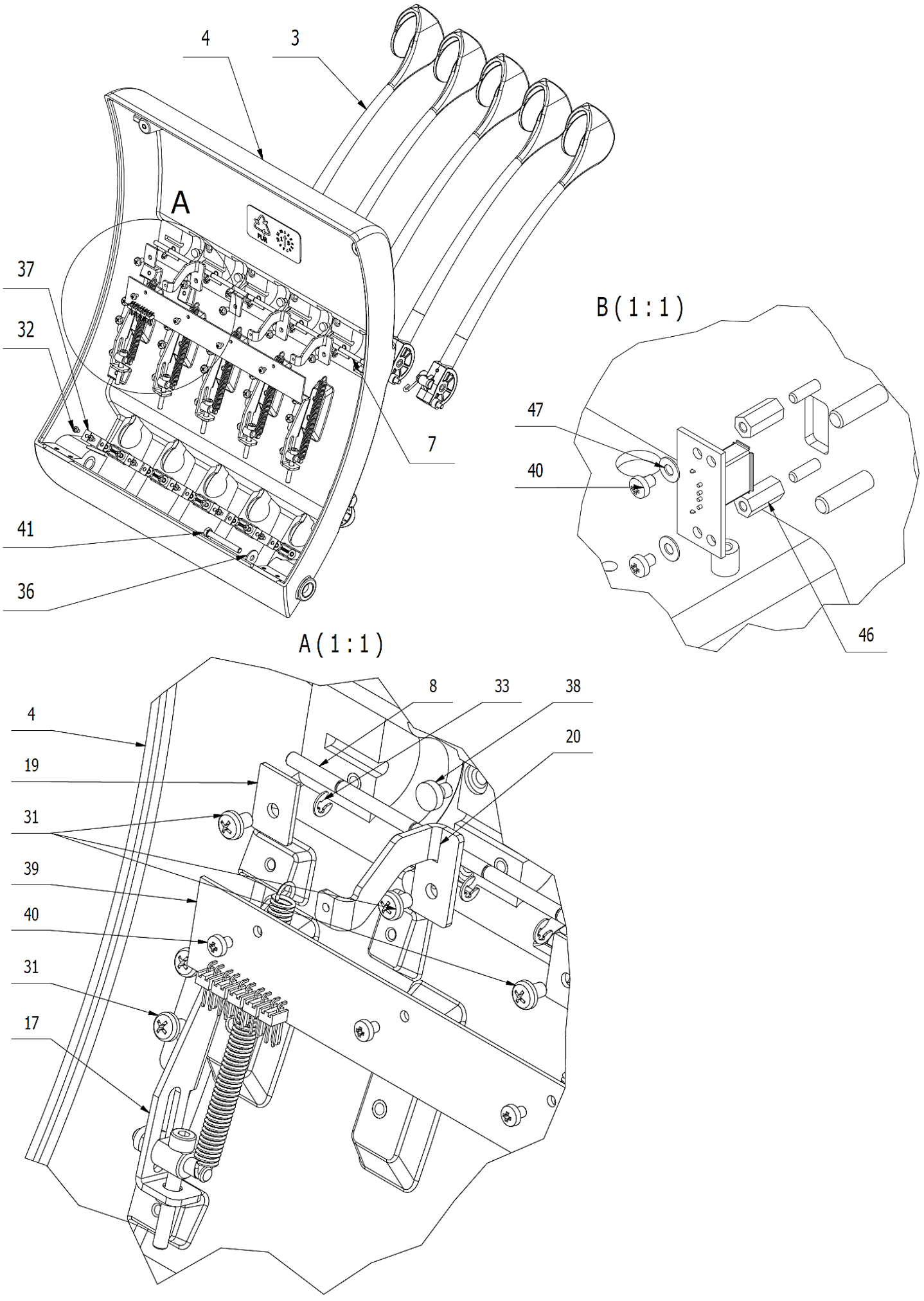
Pos.	Item no.	Product name	Unit	Quantity
001	V629.31-01-00	PERISTALTIC PUMP ASSEMBLY	PC	1.00
002	ME309251.107	THREADED FASTENER, M 4X16, DECORATIVE	PC	2.00
003	ME311180.015	NUT, M 4	PC	2.00
004	ME311214.033	WASHER, P 4.3	PC	2.00
901	ME374000.373	PD_3 MODULE	PC	1.00
902	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	2.00
903	ME374060.010	HOUSING, NSG 25-2	PC	1.00
904	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	2.00
906	ME397900.012	CABLE TIE, F 0301 CV-094	PC	3.00

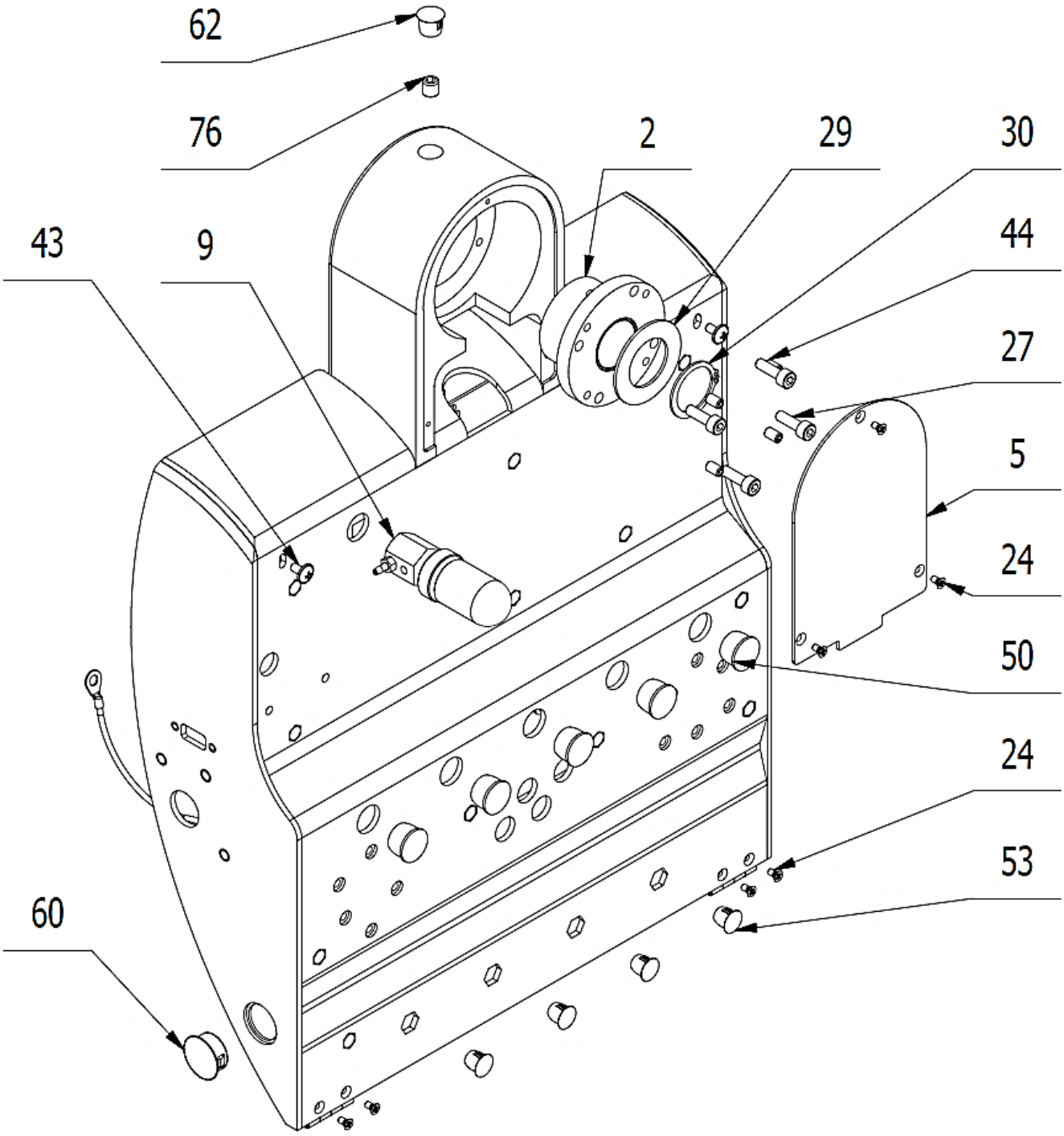
E2 – DA270 CONTROL PANEL (Upper instrument configuration)

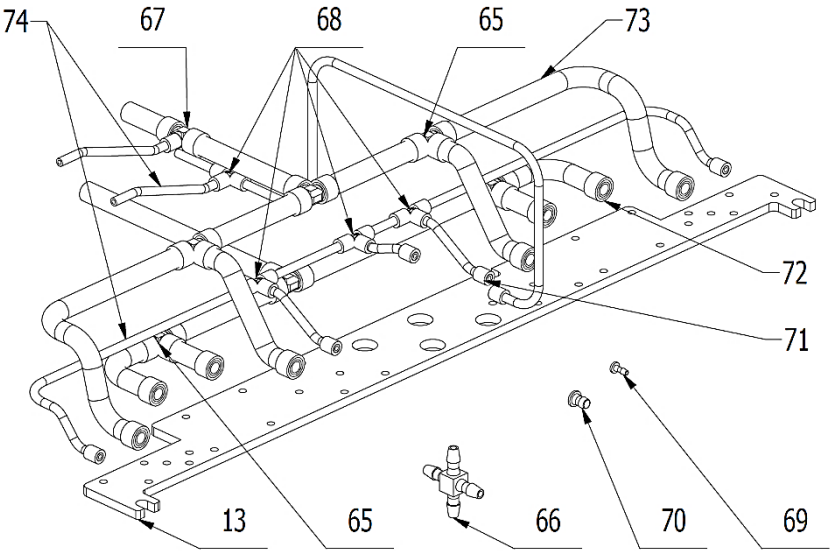
E2.1 – DA270 (Resistive screen) V630.28-00-00

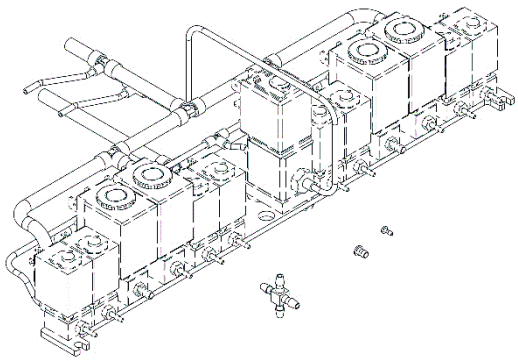
E2.2 – DA270 (Capacitative screen) V630.30-00-00 K-001




4
3
A
37
32
7
41
36
B (1 : 1)
47
40
46
A (1 : 1)
8
33
38
4
20
19
31
39
40
31
17


62
76
2
29
30
43
9
44
27
5
24
50
24
53
60

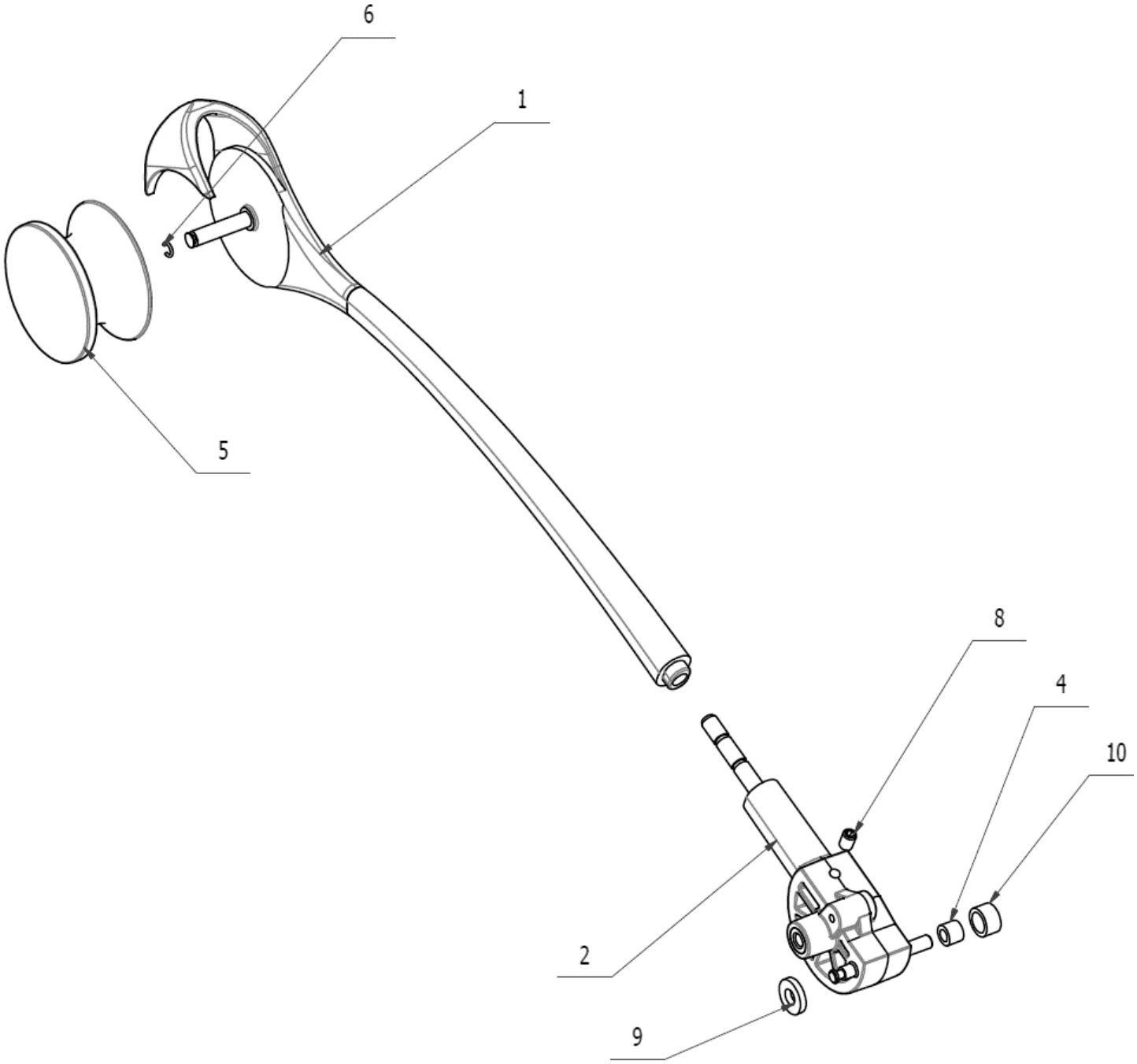

74
67
68
65
73
72
71
13
65
66
70
69



Pos.	Item no.	Product name	Unit	Quantity
001	V629.28-01-00	BASIC TRAY / WHT1	PC	1.00
002	V629.28-02-00	ARTICULATED ARM HOLDER / WHT1	PC	1.00
003>>	V618.28-03-00.1	WHIP	PC	5.00
004	V630.28-04-00	DENTIST'S TAB LECOVER / WHT1	PC	1.00
005	V629.28-00-05	HOLDER COVER / WHT1	PC	1.00
006	V630.28-06-00	LINE	PC	1.00
007	V630.28-00-07	WHIP DRUM AXLE, LONG	PC	1.00
008	V630.28-00-08	WHIP DRUM AXLE, SHORT	PC	1.00
009>>	V622.28-69-00	TANK, COMPLETE	PC	1.00
010>>	**V630.28-10-00**	**EXTERNAL RESISTIVE SCREEN**	**PC**	**OPTION**
010>>	**V630.30-10-00**	**EXTERNAL CAPACITATIVE SCREEN**	**PC**	**OPTION**
011	V629.28-00-11	ELECTRONICS BOARD	PC	1.00
012	ME321822.077	TRAY BENEATH INSTRUMENTS	PC	1.00
013	V629.28-00-13	PLATE FOR VALVES	PC	1.00
014	V629.28-00-14	COVER POST	PC	2.00
015	ME321821.137	KNOCK-OUT BLANK	PC	5.00
016	V630.28-00-16	CARRIER	PC	1.00
017>>	V618.28-07-00.1	RUNNING MECHANISM	PC	5.00
019	V622.28-00-19	AXLE HOLDER	PC	2.00
020	V630.28-00-20	SENS MODULE CONSOLE	PC	3.00
021	ME397252.066	BLANK - SPATTER	PC	1.00
023	ME549000.022	ARTICULATED HINGE, 30X30-galvanised	PC	2.00
024	ME309543.071	THREADED FASTENER, M 3x6	PC	3.00
025	ME311214.007	WASHER, P 3.2	PC	4.00
026	ME311210.019	NUT, M 3	PC	4.00
027	ME309231.073	THREADED FASTENER, M 5X16	PC	4.00
029	ME323427.026	SLEEVE, A 26 KU	PC	1.00
030	ME311733.011	LOCK RING P 25	PC	1.00
031	ME309255.073	THREADED FASTENER, M 4X6	PC	25.00
032	ME309543.088	THREADED FASTENER, M 3X5	PC	14.00
033	ME311000.001	LOCK RING P 3.2	PC	10.00
036	ME311211.002	WASHER, P 5	PC	1.00
037	V608.28-00-37	CLAMP	PC	5.00
038	ME273141.017	STOP, P4 EMICO	PC	10.00
039	ME374000.323	SENS_LUX2 MODULE	PC	1.00
040	ME309255.081	THREADED FASTENER, M 3X4	PC	6.00
041	ME309203.020	THREADED FASTENER, M 5X40	PC	1.00
043	ME309251.097	THREADED FASTENER, M 4X8, DECORATIVE	PC	2.00
044	ME309287.033	THREADED FASTENER, M 5X8	PC	4.00
045	V629.28-00-45	FOIL	PC	1.00
046	ME371418.038	SPACER POST, DSMM, M3x12, plastic	PC	2.00
047	ME311210.040	WASHER, P 3.2	PC	2.00
048	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	14.00
050	ME286531.079	PLUG, M 16X1 TL4-000,BN1095 WEI13	PC	5.00
051	ME311210.028	WASHER, P 4.3	PC	2.00
052	ME311120.032	NUT, M 5	PC	3.00
053	ME321000.108	HOLE COVER, 237C, WHITE	PC	4.00

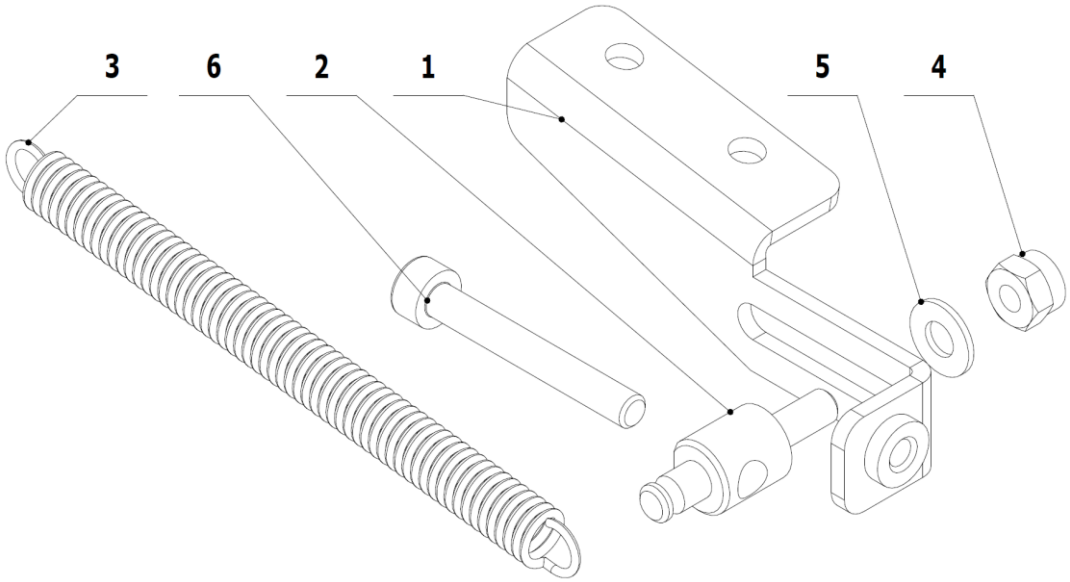
055	ME309543.091	THREADED FASTENER, M 4X30	PC	1.00
056	ME309287.025	THREADED FASTENER, M 4X8	PC	1.00
057	ME311733.007	LOCK RING P 18	PC	1.00
058	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	2.00
060	V629.28-00-33	PLUG, domed, white 19x23.2x10.3 / WHT1	PC	1.00
062	ME321000.111	PLUG 11x13.5x10.3 - WHITE	PC	1.00
065	ME336401.029	ADAPTER T230-1	PC	5.00
066	ME336401.032	ADAPTER 4PX230-1	PC	1.00
067	ME336401.027	ADAPTER T230/210-1	PC	1.00
068	ME336401.015	ADAPTER T210-1	PC	2.00
069	ME336401.035	PLUG, PIP 210-1	PC	1.00
070	ME336401.037	PLUG, PIP 230-1	PC	2.00
071	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.02
072	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.03
073	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.56
074	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.27
076	ME309287.019	THREADED FASTENER, M 8X8	PC	1.00
901	ME374000.404	DISPLAY, COMPLETE, DL310 LUX 2.X	PC	
902	ME374000.399	MB_LUX14 MODULE 2.X	PC	1.00
903	ME374000.323	SENS_LUX2 MODULE	PC	
904	ME374000.326	USB-ASSEMBLY_LUX	PC	1.00
905	ME374010.066	CABLE DP-MB_LUX	PC	1.00
906	ME374010.067	CABLE MB-SENS_LUX3	PC	1.00
907	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	1.00
908	ME397900.012	CABLE TIE, F 0301 CV-094	PC	15.00
909	ME345711.034	CLAMP, F0505 HC 101	PC	5.00
910	V629.28-90-01	WIRE, GNYE	PC	1.00

>>WHIP - V618.28-03-00.1



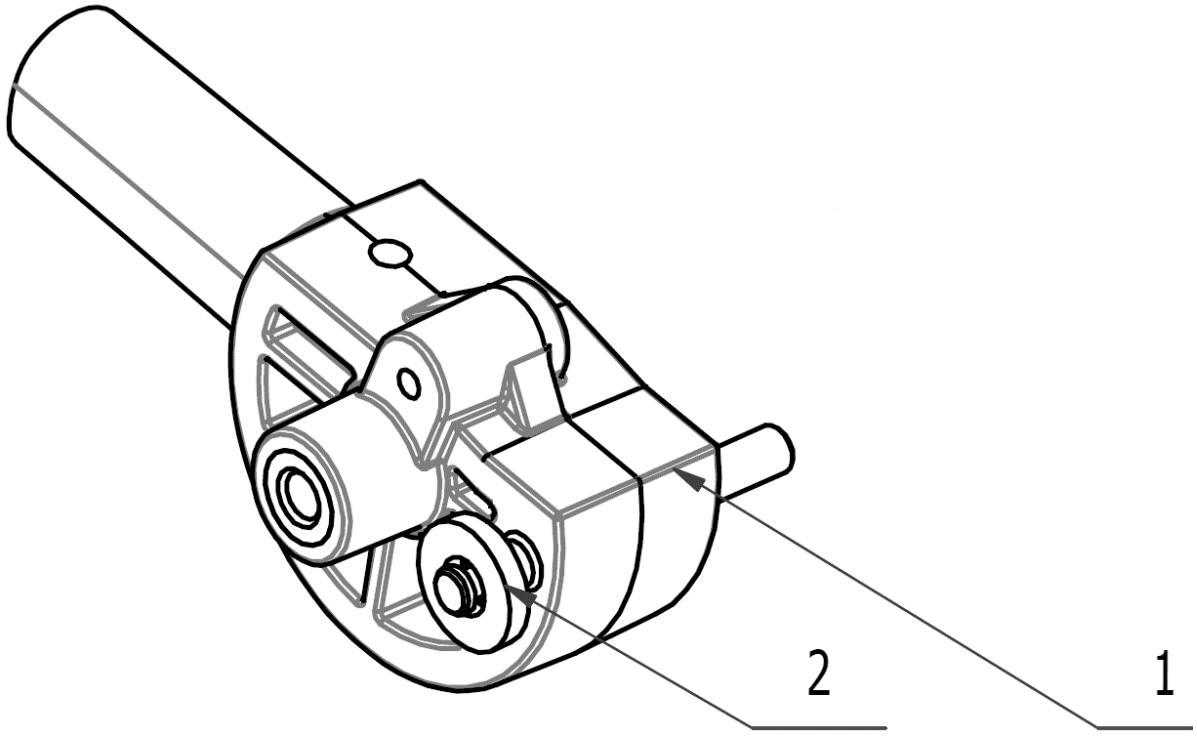
Pos.	Item no.	Product name	Unit	Quantity
001	V618.28-04-00	WHIP - BODY	PC	1.00
002	V618.28-05-00.1	WHIP DRUM	PC	1.00
004	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.01
005	ME321821.129	WHIP REEL, PA6-DURETAN BM240H3.0 038/8	PC	1.00
006	ME311732.013	RING, PDK 004 AKV - STAINLESS	PC	1.00
008	ME309543.100	THREADED FASTENER, M 4X6	PC	1.00
009	ME397522.008	T WASHER 11/5/2 mm FIBER	PC	1.00
010	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.01

>>RUNNING MECHANISM V618.28-07-00.1



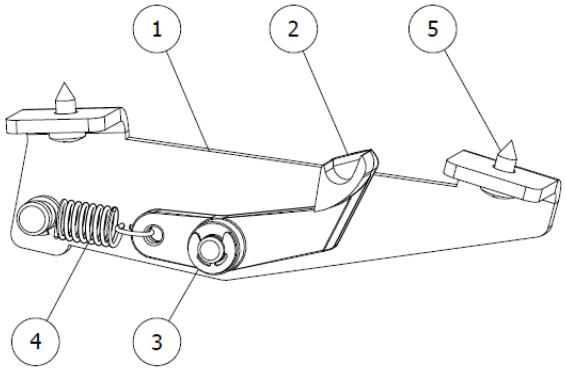
Pos.	Item no.	Product name	Unit	Quantity
001	V618.28-07-00.A	RUNNING MECH. HOLDER COMPLETE	PC	1,00
002	V618.28-07-02	TENSIONER	PC	1,00
003	ME315000.061	SPRING TZ 1000x0070x0710	PC	1,00
004	ME311120.098	NUT, M4	PC	1,00
005	ME311210.028	WASHER, P 4.3	PC	1,00
006	ME309543.091	THREADED FASTENER, M 4X30	PC	1,00

▶SP: WHIP DRUM - V690.00-89-00



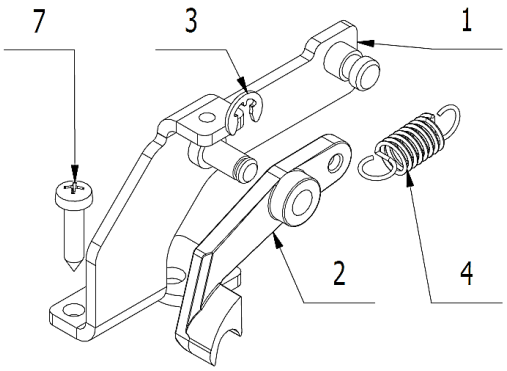
Pos.	Item no.	Product name	Unit	Quantity
001	V618.28-05-00.1	WHIP DRUM	PC	1.00
002	ME397522.008	T WASHER 11/5/2 mm FIBER	PC	2.00

WHIP STOP (for the first instrument from the left)- V630.54-00-00.1

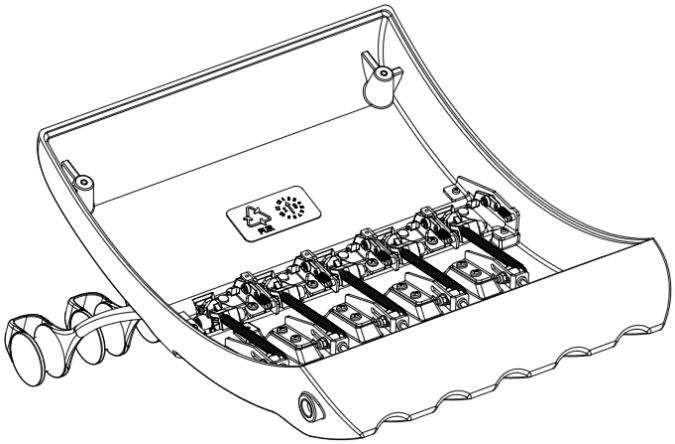


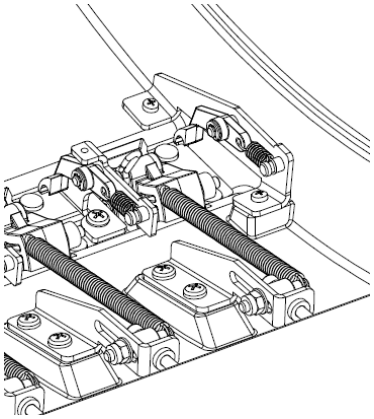
Pos.	Item no.	Product name	Unit	Quantity
001	V630.54-01-00.1	CONSOLE, COMPLETE	PC	1.00
002	ME321822.078	LATCH	PC	1.00
003	ME311000.001	LOCK RING P 3.2	PC	1.00
004	ME315000.125	SPRING, TZ 0.63x6x15.9x9.25	PC	1.00
005	ME309285.035	THREADED FASTENER, KA 30X6	PC	2.00

WHIP STOP (for the second to the fifth instruments from the left)- V630.54-00-00

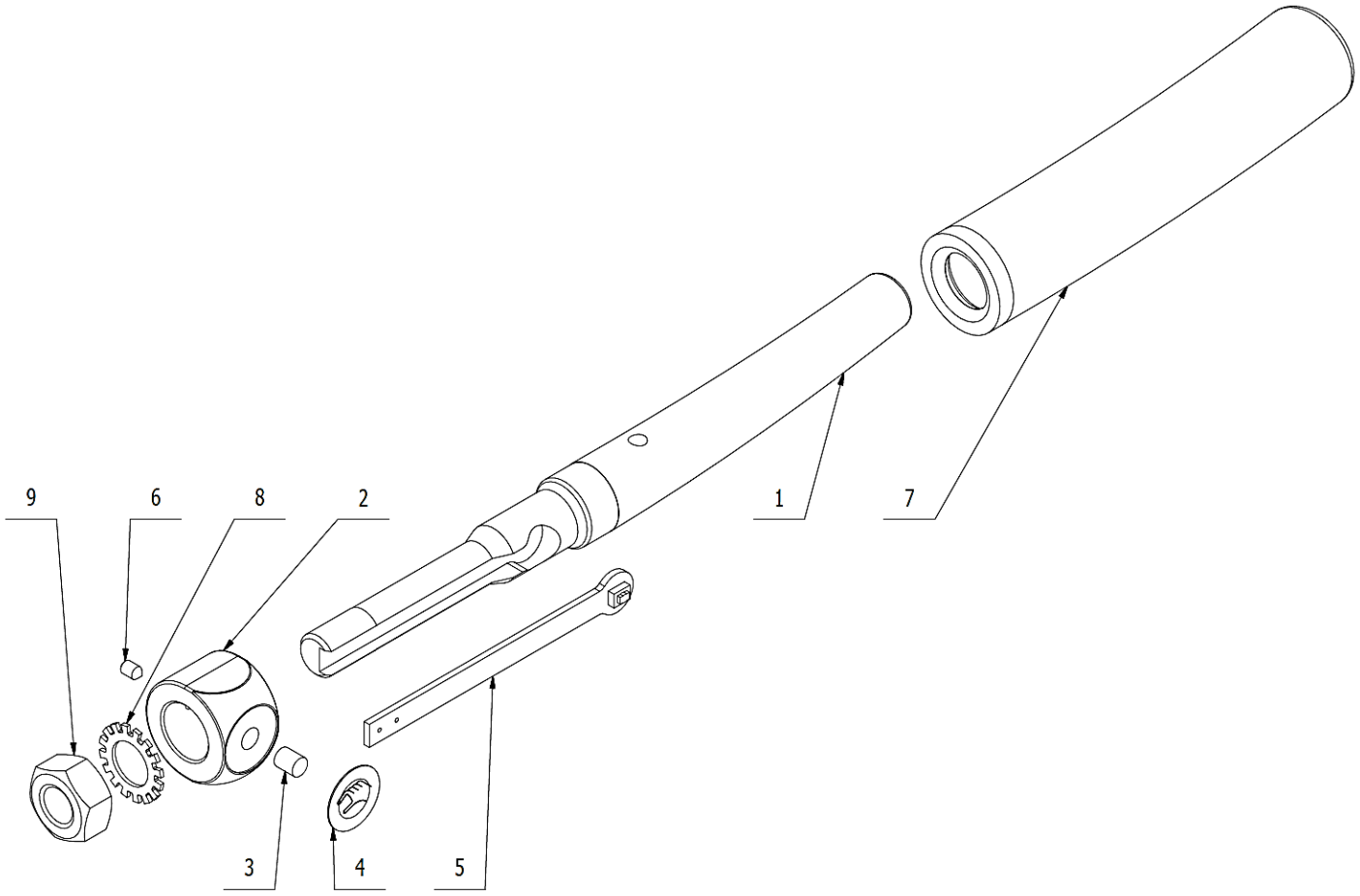


Pos.	Item no.	Product name	Unit	Quantity
001	V630.54-01-00	CONSOLE, COMPLETE	PC	1.00
002	ME321822.078	LATCH	PC	1.00
003	ME311000.001	LOCK RING P 3.2	PC	1.00
004	ME315000.125	SPRING, TZ 0.63x6x15.9x9.25	PC	1.00
007	ME309332.030	THREADED FASTENER, ST 2.9x13	PC	1.00



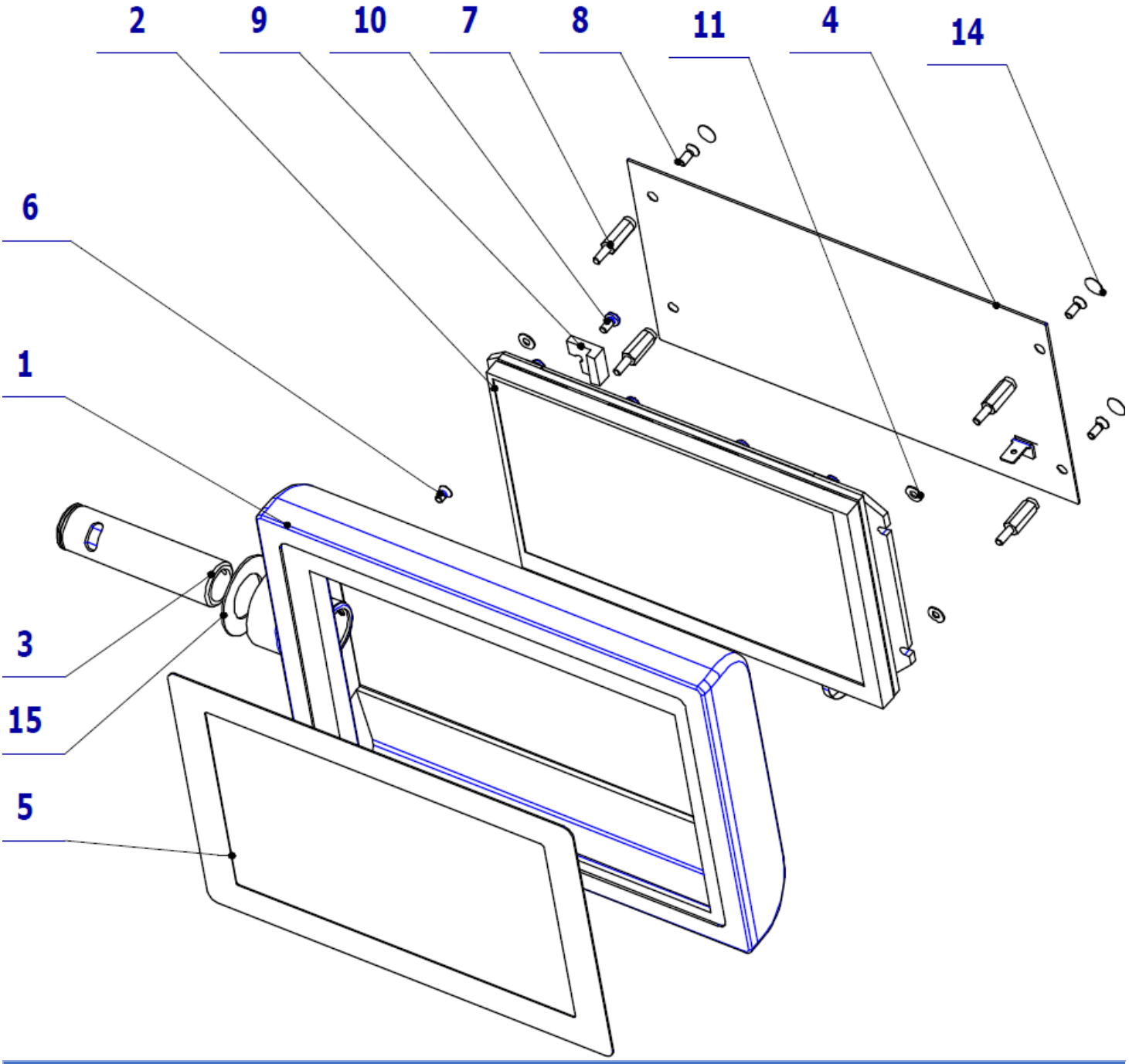


HANDLE WITH BUTTON - V630.74-03-00



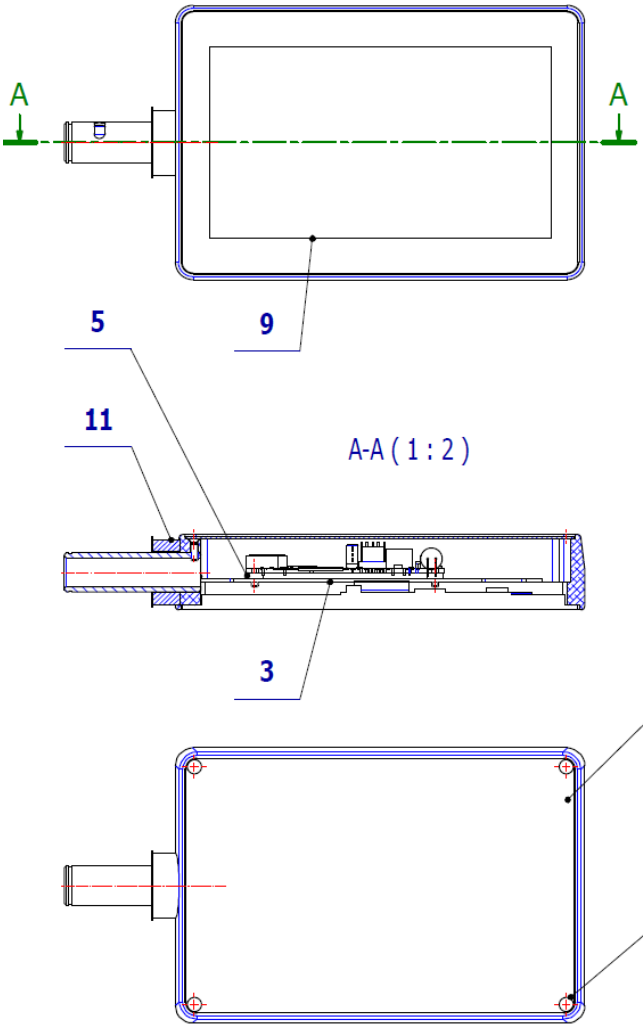
Position	Item no.	Product name	Unit	Quantity
001	V630.74-03-01	HANDLE CONSOLE / WHT1	PC	1.00
002	V630.74-03-02	RING / WHT1	PC	1.00
003	V630.74-03-03	SWITCH PIN	PC	1.00
004	ME735552.182	BRAKE FOIL, P15, WHITE	PC	1.00
005	ME374000.321	BRAKE 1 MODULE	PC	1.00
006	ME309281.090	THREADED FASTENER, M 3X5	PC	1.00
007	ME321822.079	HANDLE COVER, RP 71991/60U white	PC	1.00
008	ME311214.005	WASHER, P 10.5	PC	1.00
009	ME311120.019	NUT, M 10	PC	1.00

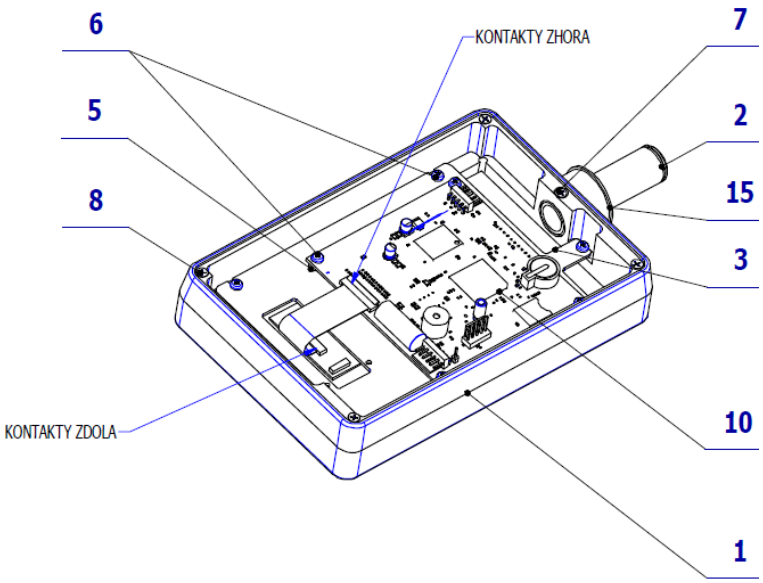
>>EXTERNAL RESISTIVE DISPLAY - V630.28-10-00



Position	Item no.	Product name	Unit	Quantity
001	V630.28-09-00	DISPLAY COVER / WHT1	PC	1.00
002	ME374000.404	DISPLAY, COMPLETE, DL310 LUX 2.X	PC	1.00
003	V630.28-10-03	DISPLAY STUD	PC	1.00
004	V630.28-11-00	COVER, COMPLETE / WHT1	PC	1.00
005	ME735552.178	FOIL FOR 7” DISPLAY, GREY	PC	1.00
006	ME309543.109	THREADED FASTENER, M 3X5	PC	1.00
007	ME371418.039	SPACER POST, DSMS, M3x15, plastic	PC	4.00
008	ME309251.078	THREADED FASTENER, M 3X8	PC	4.00
009	V629.28-00-12	STOP	PC	1.00
010	ME309255.051	THREADED FASTENER, M 3X6	PC	1.00
011	ME311210.026	WASHER, P 3.2	PC	4.00
014	ME735010.038	SELF-ADHESIVE BLANK	PC	4.00
015	V630.28-00-18	WASHER P32/18-1	PC	1.00

>>EXTERNAL CAPACITIVE DISPLAY - V630.30-10-00



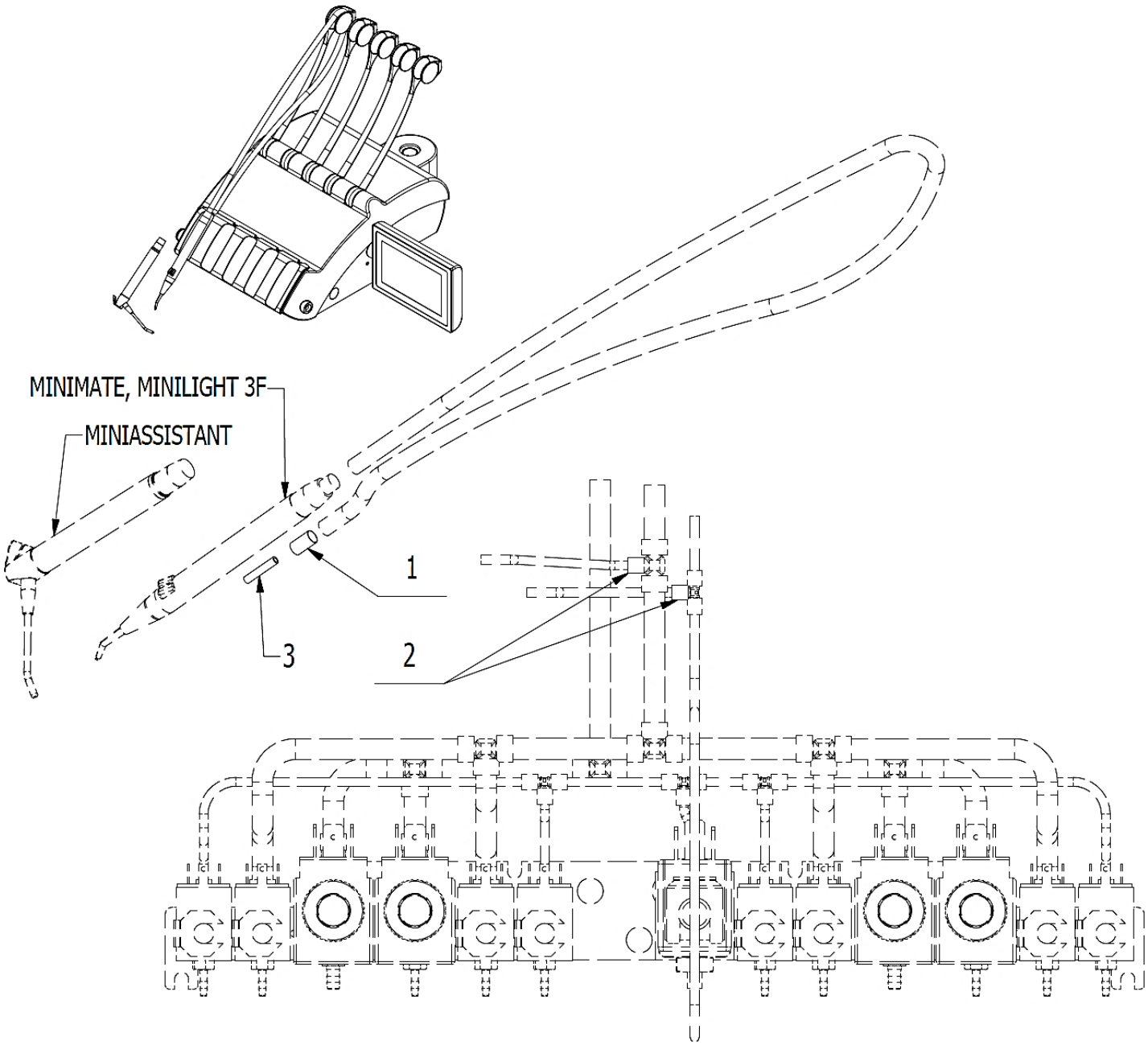


Pos.	Item no.	Product name	Unit	Quantity
001	V630.30-10-01	DISPLAY FRAME / DISPLAY FRAME	PC	1.00
002	V630.30-10-02	DISPLAY STUD	PC	1.00
003	V636.28-10-03	BOARD FOR DB LUX	PC	1.00
004	V630.30-11-00	REAR COVER, COMPLETE / REAR COVER, COMPLETE	PC	1.00
005	ME371418.008	SPACER POST, KDR 03	PC	4.00
006	ME309255.036	THREADED FASTENER, M 3X8	PC	7.00
007	ME309251.094	THREADED FASTENER, M 3X10	PC	1.00
008	ME309543.109	THREADED FASTENER, M 3X5	PC	4.00
009	ME345571.057	CAPACITATIVE SCREEN	PC	1.00
010	ME374000.401	DP_LUX9 2.X MODULE	PC	1.00
011	V630.30-10-11	SPACER RING / SPACER RING	PC	1.00
014	ME735010.038	SELF-ADHESIVE BLANK	PC	4.00
015	V630.28-00-18	WASHER P32/18-1	PC	1.00

E2.3 – DA270 - Control panel accessories

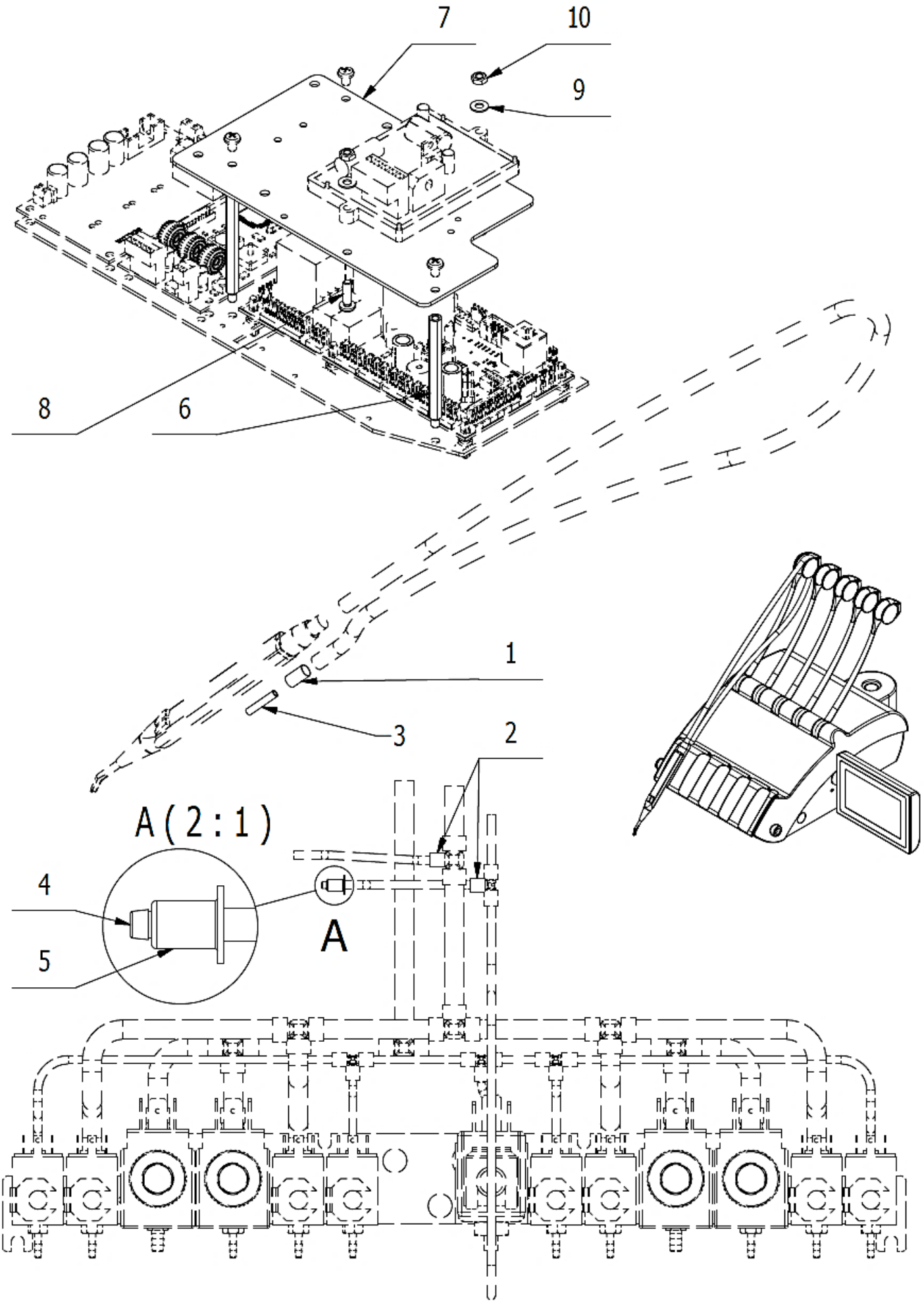
1 – Syringes

MINIMATE, MINIASSISTANT, MINILIGHT 3F ACCESSORY - V630.32-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V601.40-00-06	INSERT, P8 - 6	PC	1,00
002	V608.45-00-08	LOCK RING, 1	PC	2,00
003	ME283367.025	HOSE, PUR 2.9/4.7 BLUE	m	0,10

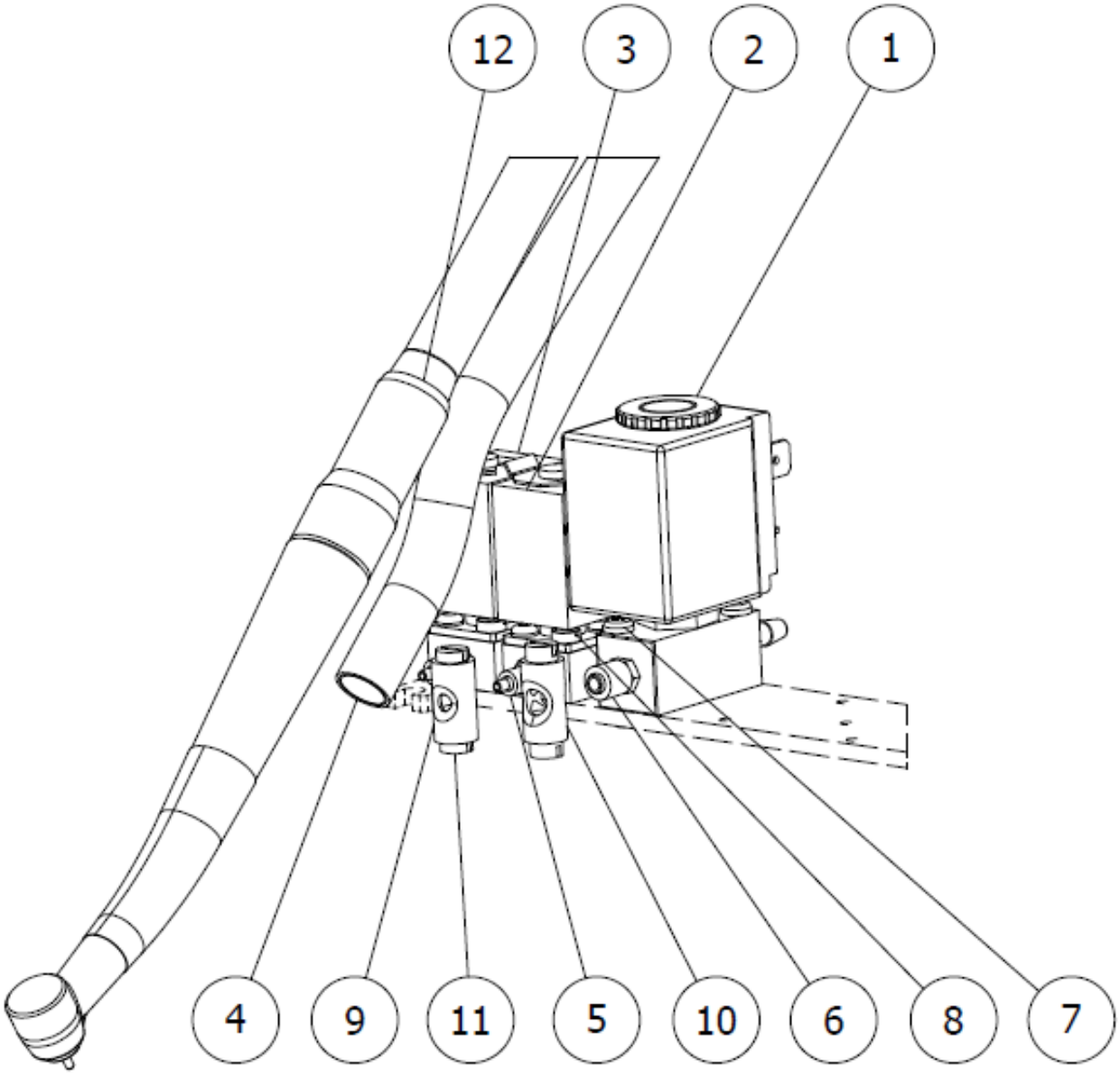
MINILIGHT 6F ACCESSORY - V630.33-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V601.40-00-06	INSERT, P8 - 6	PC	1,00
002	V608.45-00-08	LOCK RING, 1	PC	2,00
003	ME283367.025	HOSE, PUR 2.9/4.7 BLUE	m	0,10
004	V602.64-00-06	REDUCER, P2.5/P2	PC	1,00
005	ME548212.011	FERRULE, 4X6	PC	1,00
006	V629.33-00-11	MODULE BOARD POST	PC	3,00
007	V629.33-00-12	MODULE BOARD	PC	1,00
008	ME309255.069	THREADED FASTENER, M 4X14	PC	2,00
009	ME311210.028	WASHER, P 4.3	PC	2,00
010	ME311120.016	NUT, M 4	PC	2,00
901	ME341419.015	WIRE, LiY 0.5 WHITE	M	0,60
902	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	7,00

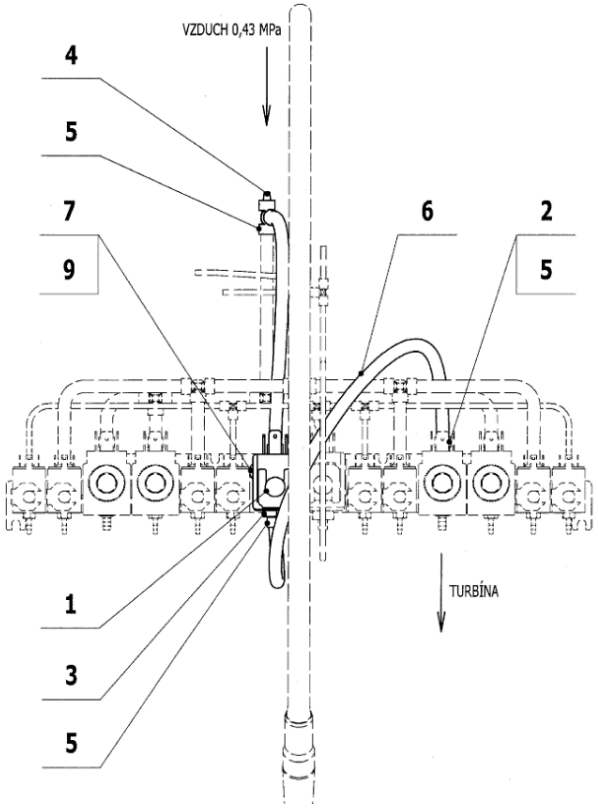
2 – Turbine instruments

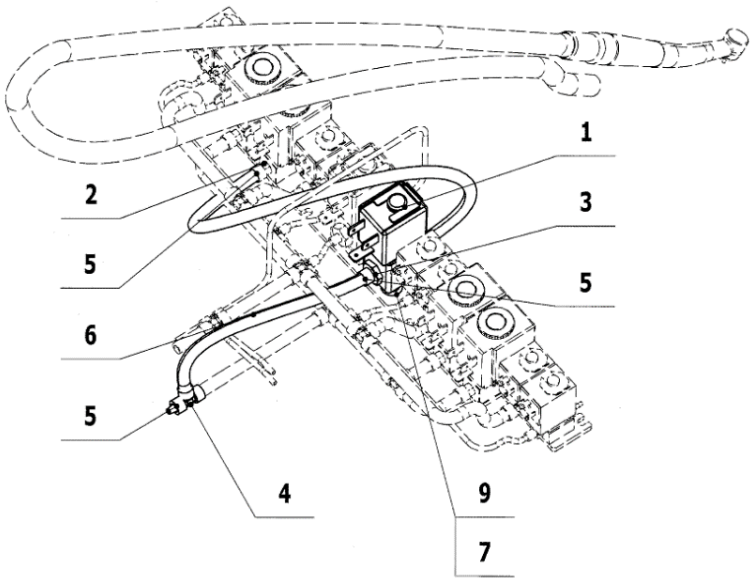
MIDWEST S TURBINE AND LIGHT HOSE ACCESSORY - V630.41-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V619.28-41-00	SOLENOID VALVE, JAKŠA, COMPLETE	PC	1.00
002	V619.28-43-00	SOLENOID VALVE, SIRAI 1, COMPLETE	PC	1.00
003	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
004	V601.40-00-12	INSERT, P9.6	PC	1.00
005	V608.45-00-08	LOCK RING, 1	PC	2.00
006	V606.41-00-21	LOCKING RING	PC	1.00
007	ME309255.077	THREADED FASTENER, M 3X18	PC	2.00
008	ME309231.019	THREADED FASTENER, M 3X14	PC	4.00
011	V629.28-00-03	RESTRICTOR, MODIFIED	PC	2.00
012	V702.00-00-00.9	MIDWEST HOSE, GREY, 990	PC	1.00
901	V629.35-90-01	WIRES, YV - ASSEMBLY	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	3.00

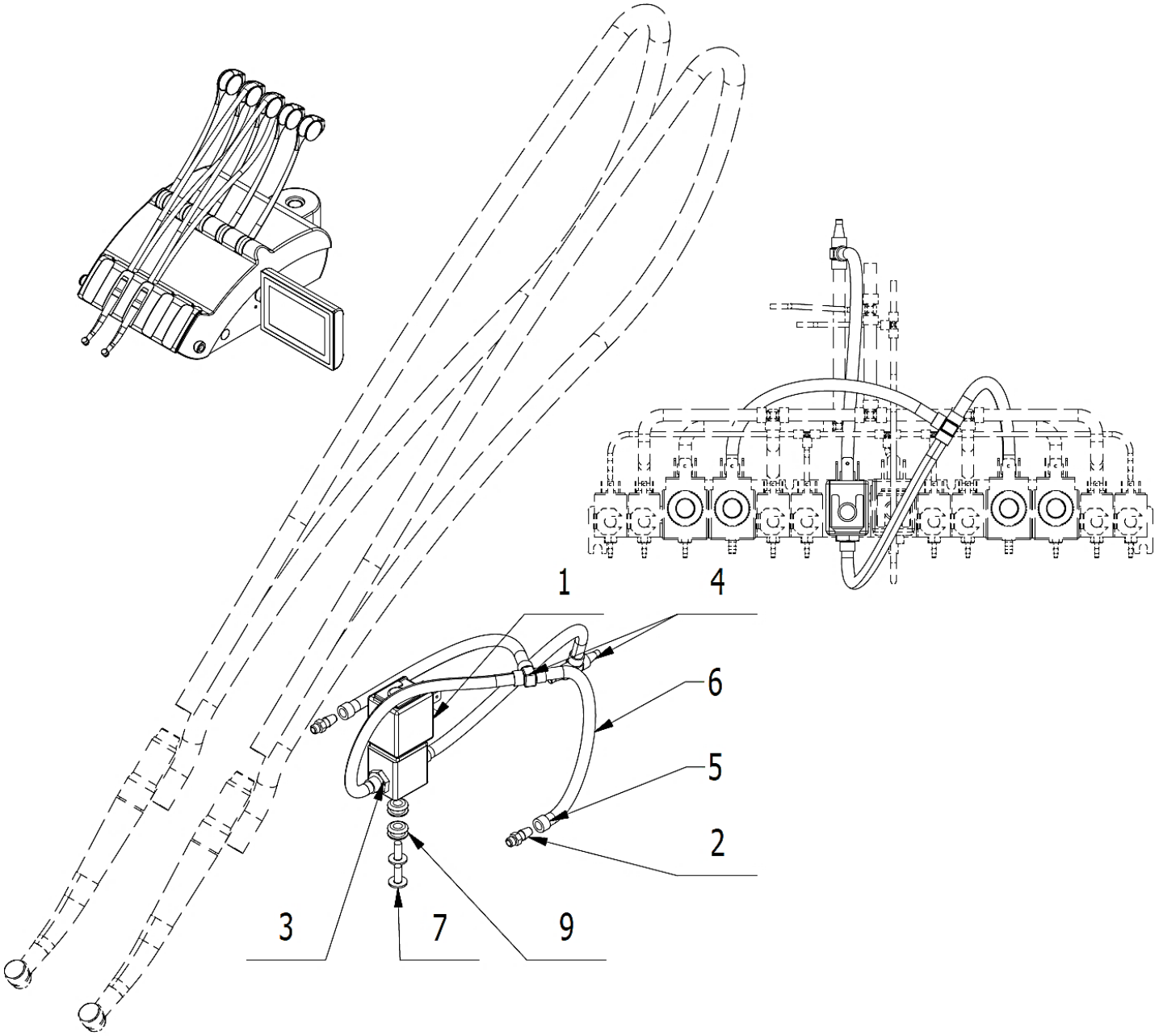
ACCESSORY FOR TURBINE WITH REGULATION - V630.49-00-00





Pos.	Item no.	Product name	Unit	Quantity
001	ME551114.004	PROPORTIONAL VALVE, ASCO SCG202A207V	PC	1.00
002	V625.32-00-02	BUSHING, M5	PC	1.00
003	V625.32-00-03	ASCO BUSHING	PC	2.00
004	ME336401.011	ADAPTER T40-1	PC	1.00
005	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.03
006	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.50
007	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	2.00
009	ME273121.042	BUSHING, TYPE F2, 5X3	PC	2.00
901	ME374000.407	MODULE, RCD-24-0 - 50	PC	1.00
902	ME374100.077	PROP. AIR VALVE WIRES	PC	1.00
903	V400.01-01-40	LABEL, TEXT	PC	1.00

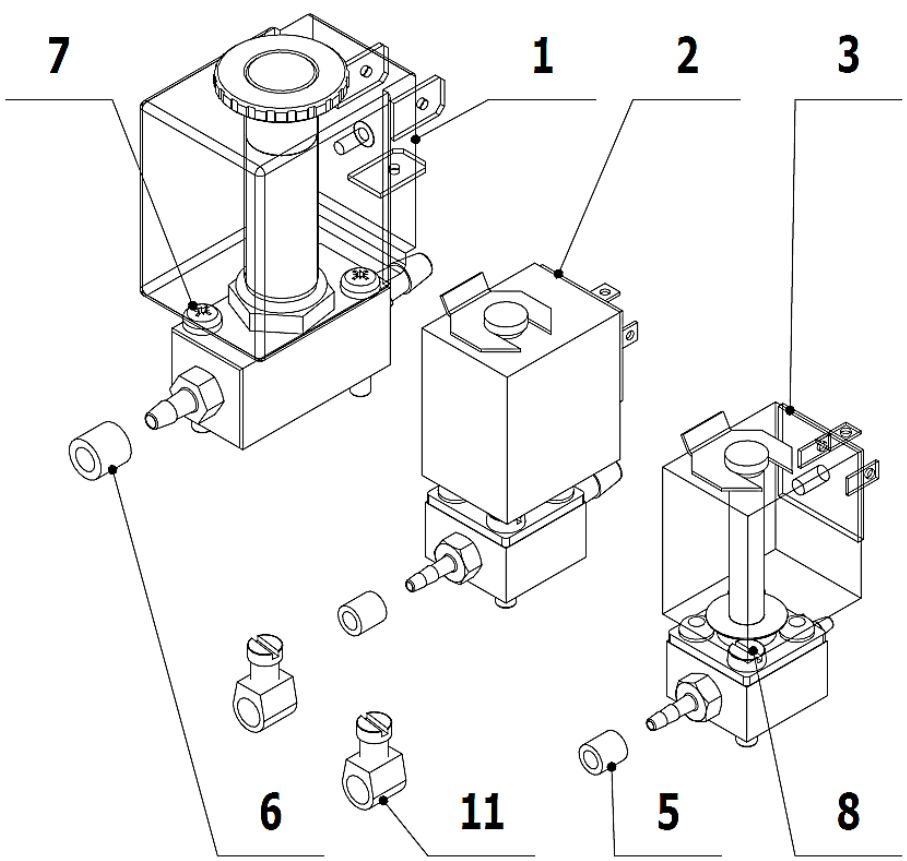
ACCESSORY FOR 2 TURBINES WITH REGULATION - V630.49-00-00

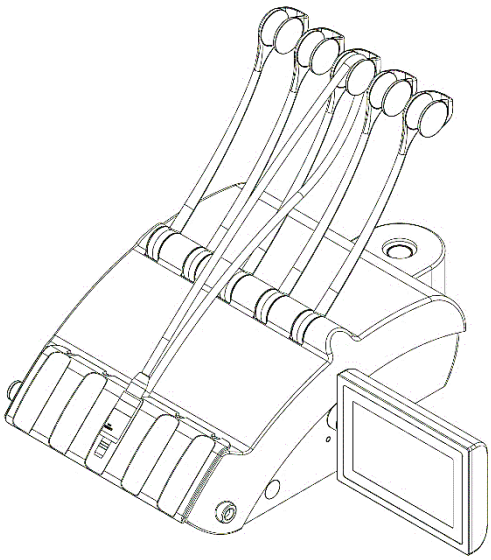


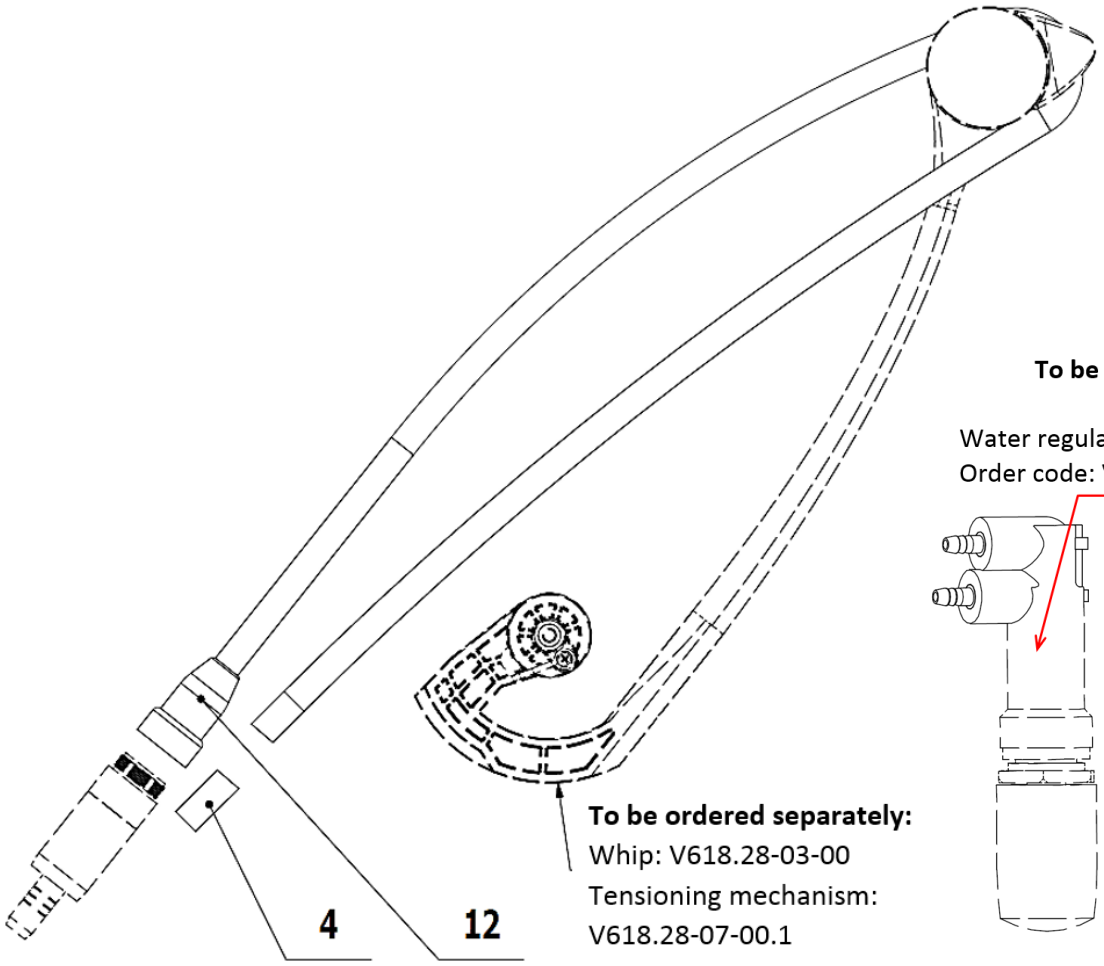
Pos.	Item no.	Product name	Unit	Quantity
001	ME551114.004	PROPORTIONAL VALVE, ASCO SCG202A207V	PC	1,00
002	V625.32-00-02	BUSHING, M5	PC	2,00
003	V625.32-00-03	ASCO BUSHING	PC	2,00
004	ME336401.011	ADAPTER T40-1	PC	2,00
005	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0,05
006	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0,85
007	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	2,00
009	ME273121.042	BUSHING, TYPE F2, 5X3	PC	2,00
901	ME374000.407	MODULE, RCD-24-0 - 50	PC	1,00
902	ME374100.077	PROP. AIR VALVE WIRES	PC	1.00
903	V400.01-01-40	LABEL, TEXT	PC	1,00

3 – Micro motors

ACCESSORY FOR DX and DX BLUE MICRO MOTORS - V630.39-00-00



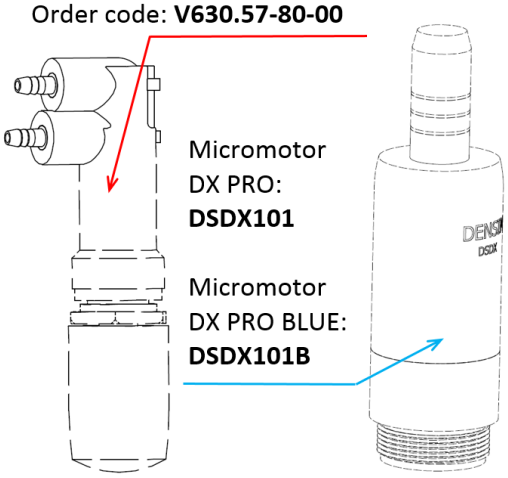




To be ordered separately:
Whip: V618.28-03-00
Tensioning mechanism:
V618.28-07-00.1

To be ordered separately

Water regulator
Order code: **V630.57-80-00**



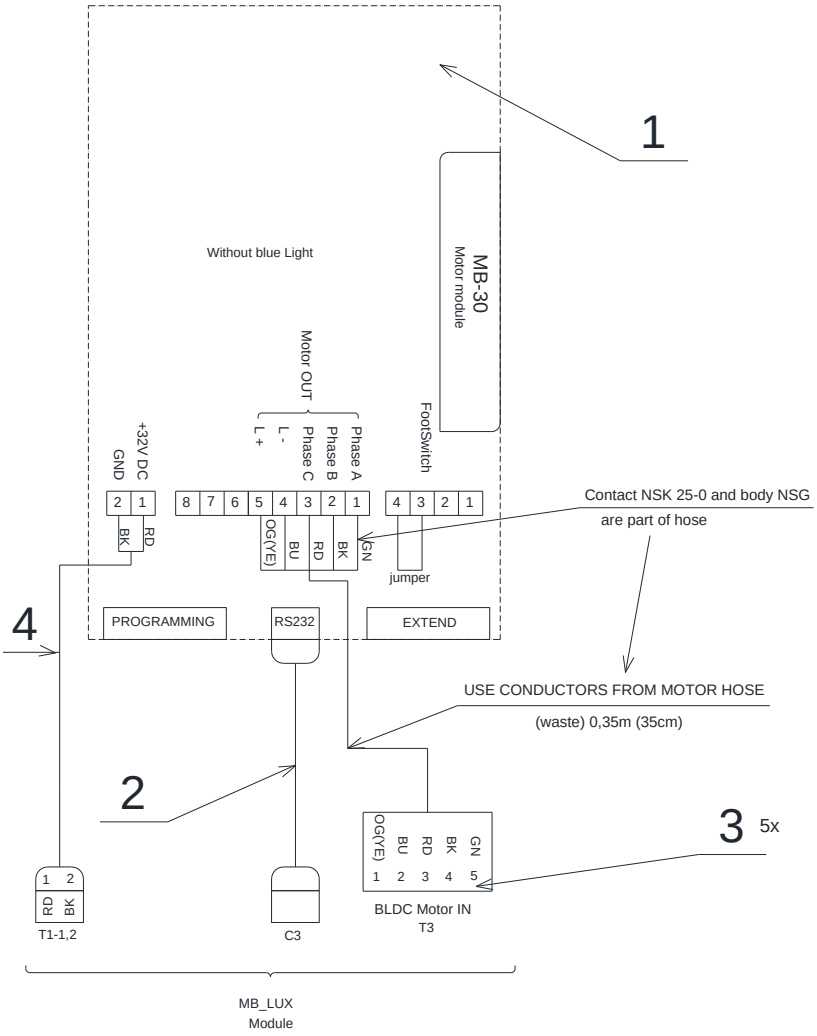
Micromotor
DX PRO:
DSDX101

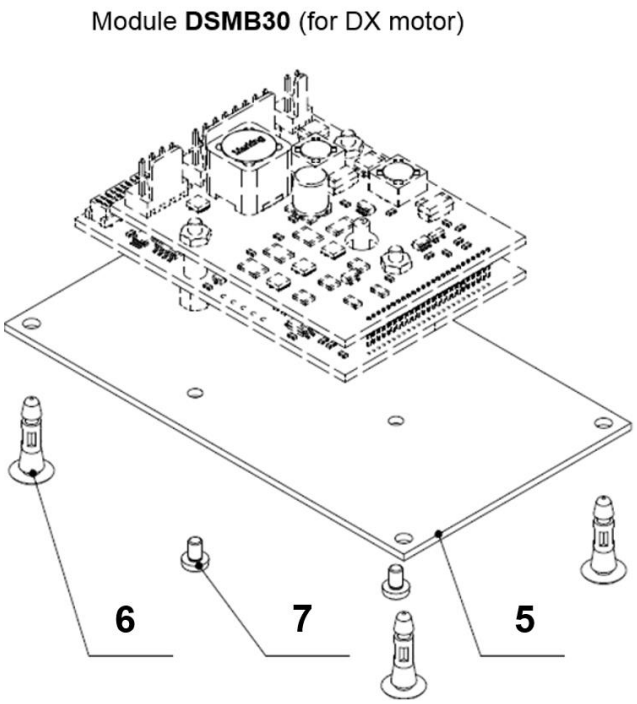
Micromotor
DX PRO BLUE:
DSDX101B

Pos.	Item no.	Product name	Unit	Quantity
001	V630.39-01-00	SOLENOID VALVE, JAKŠA, COMPLETE	PC	1.00
002	V619.28-43-00	SOLENOID VALVE, SIRAI 1, COMPLETE	PC	1.00
003	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
004	V601.40-00-06	INSERT, P8 - 6	PC	1.00
005	V608.45-00-08	LOCK RING, 1	PC	2.00
006	V606.41-00-21	LOCKING RING	PC	1.00
007	ME309255.077	THREADED FASTENER, M 3X18	PC	2.00
008	ME309231.019	THREADED FASTENER, M 3X14	PC	4.00
011	V629.28-00-03	RESTRICTOR, MODIFIED	PC	2.00
012	DSHO35	HOSE, DX	PC	1.00
901	V629.35-90-01	WIRES, YV - ASSEMBLY	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	3.00
903	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00

DSMB30 MODULE ELECTRICAL CONNECTIONS FOR THE DX MOTOR - V629.28-90-32

(only necessary for the first DX motor)

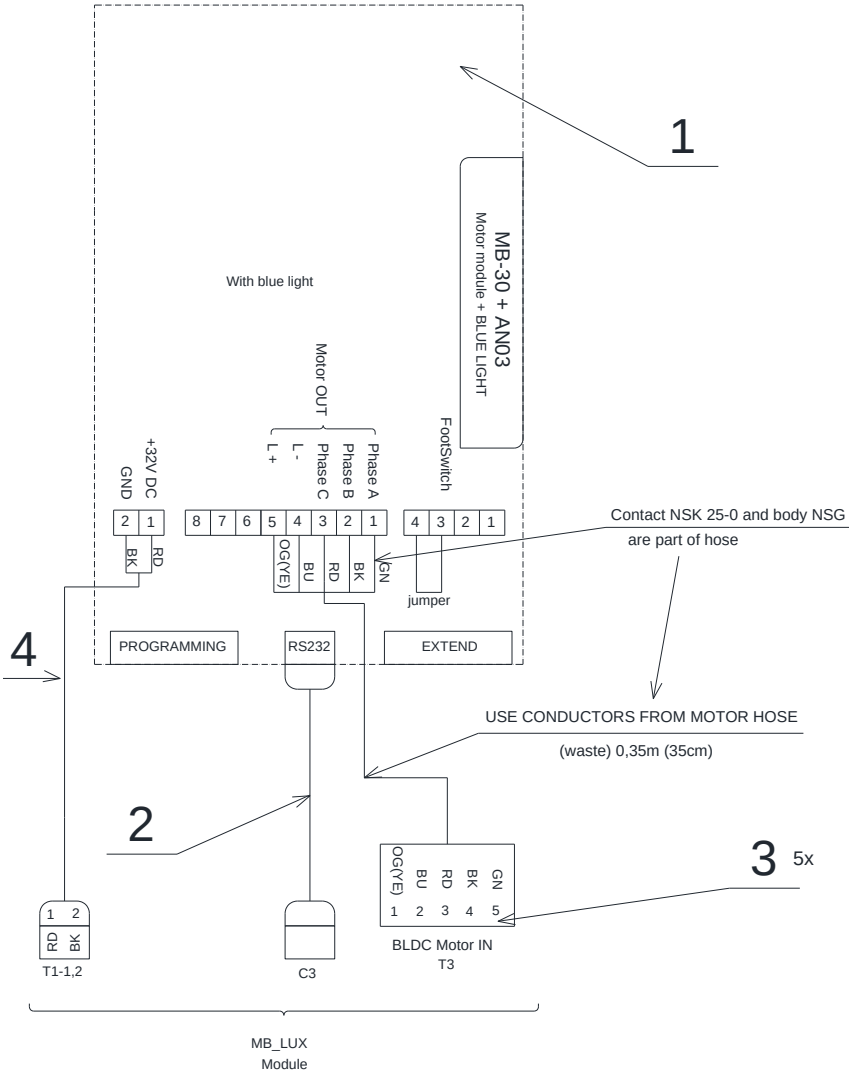


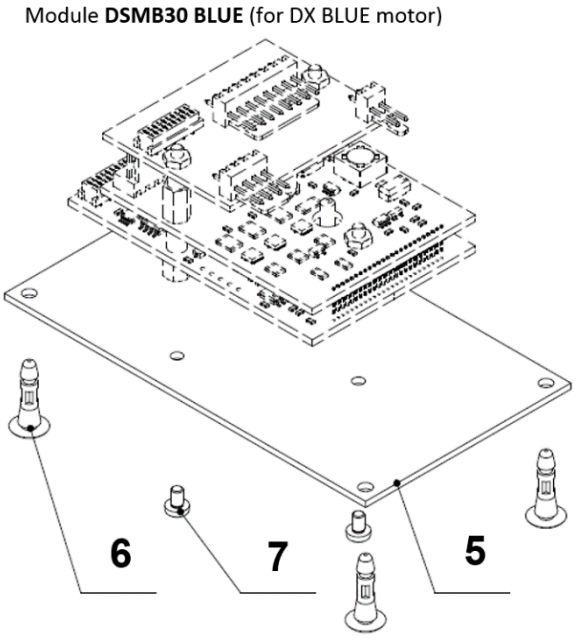


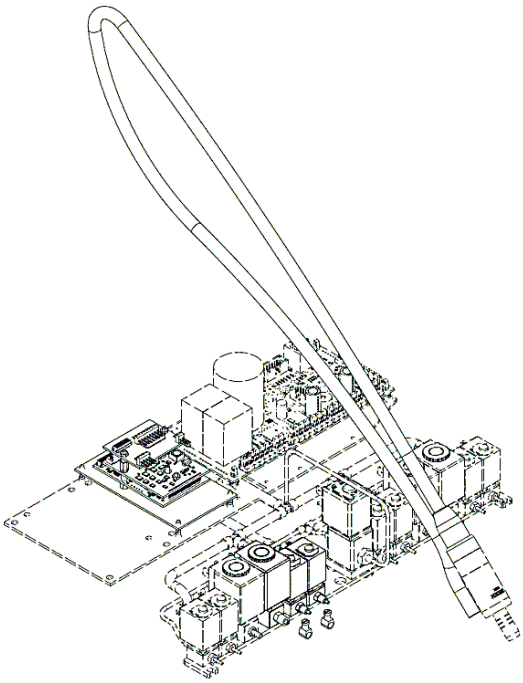
Pos.	Item no.	Product name	Unit	Quantity
001	DSMB30	DX MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00
005	V629.39-00-16	BOARD FOR THE DX	PC	1.00
006	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00
007	ME309255.106	THREADED FASTENER, M 2.5x4	PC	4.00

DSMB30 + AN03 MODULE ELECTRICAL CONNECTIONS FOR THE DX BLUE MOTOR - V629.28-90-32.1

(only necessary for the first DX BLUE motor)

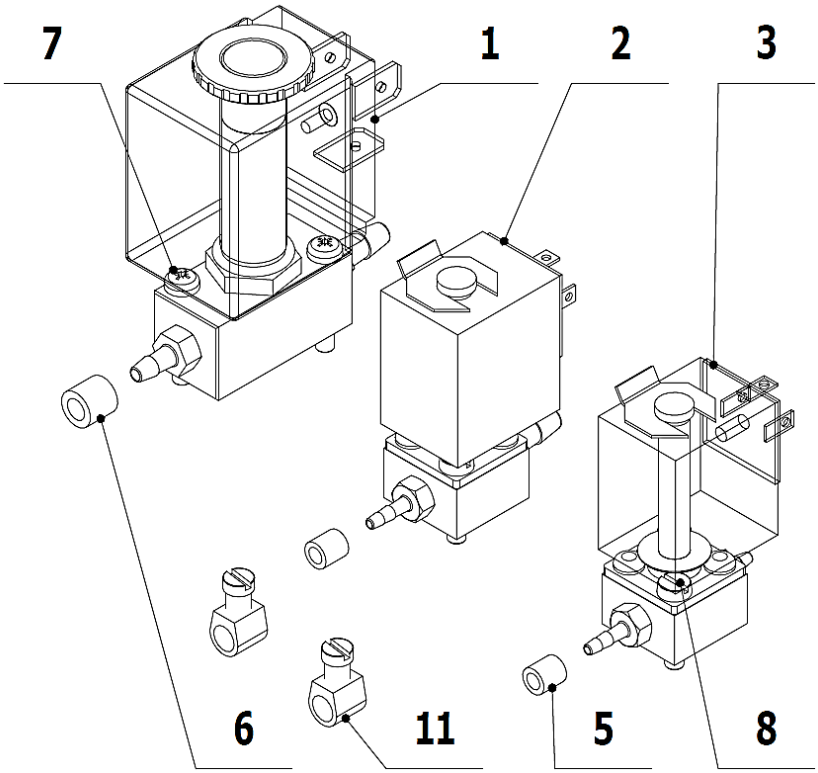


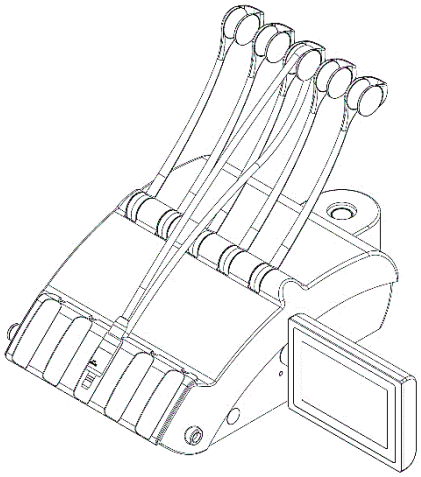


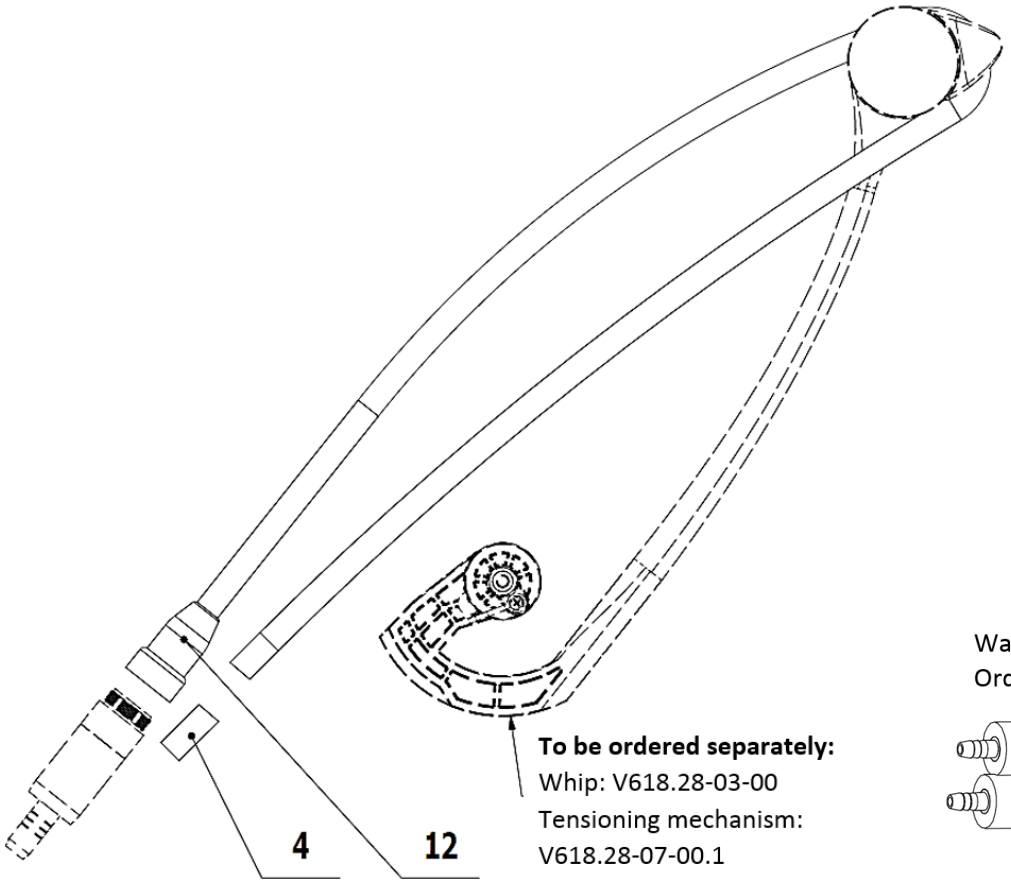


Pos.	Item no.	Product name	Unit	Quantity
001	DSMB30BLUE	DX BLUE MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00
005	V629.39-00-16	BOARD FOR THE DX	PC	1.00
006	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00
007	ME309255.106	THREADED FASTENER, M 2.5x4	PC	4.00

ACCESSORY FOR DX PRO and DX PRO BLUE MICRO MOTORS - V630.39-00-00.1



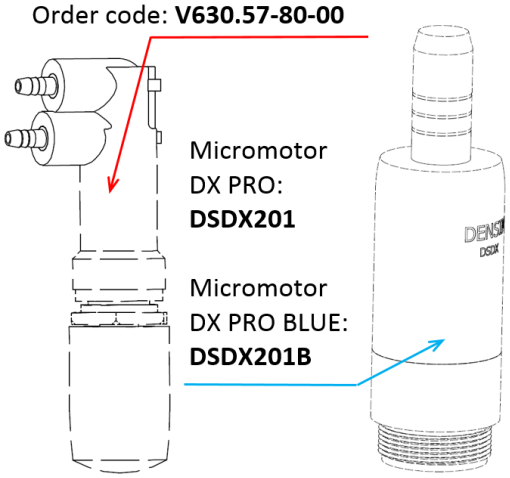




To be ordered separately:
Whip: V618.28-03-00
Tensioning mechanism:
V618.28-07-00.1

To be ordered separately

Water regulator
Order code: **V630.57-80-00**



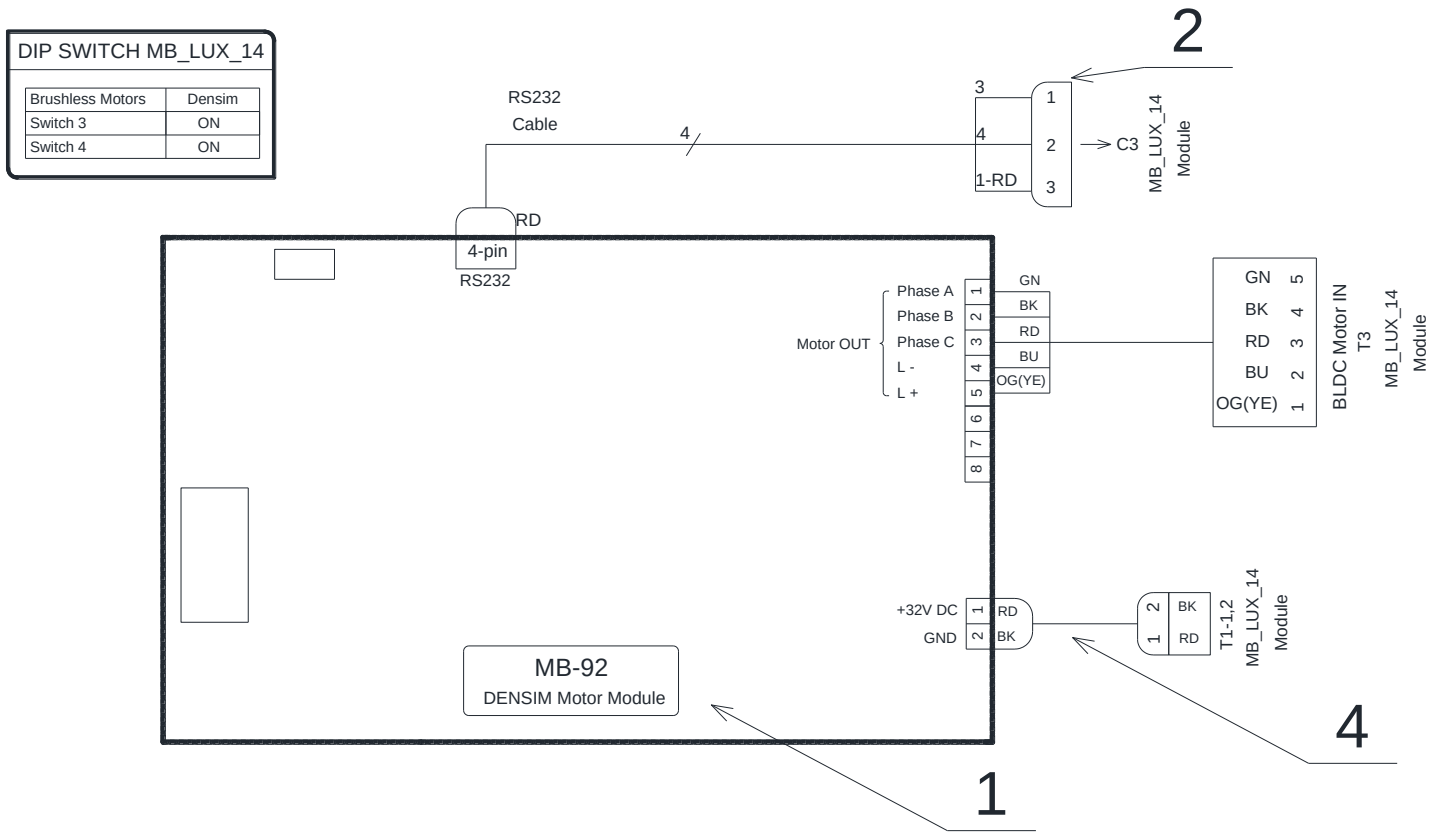
Micromotor
DX PRO:
DSDX201

Micromotor
DX PRO BLUE:
DSDX201B

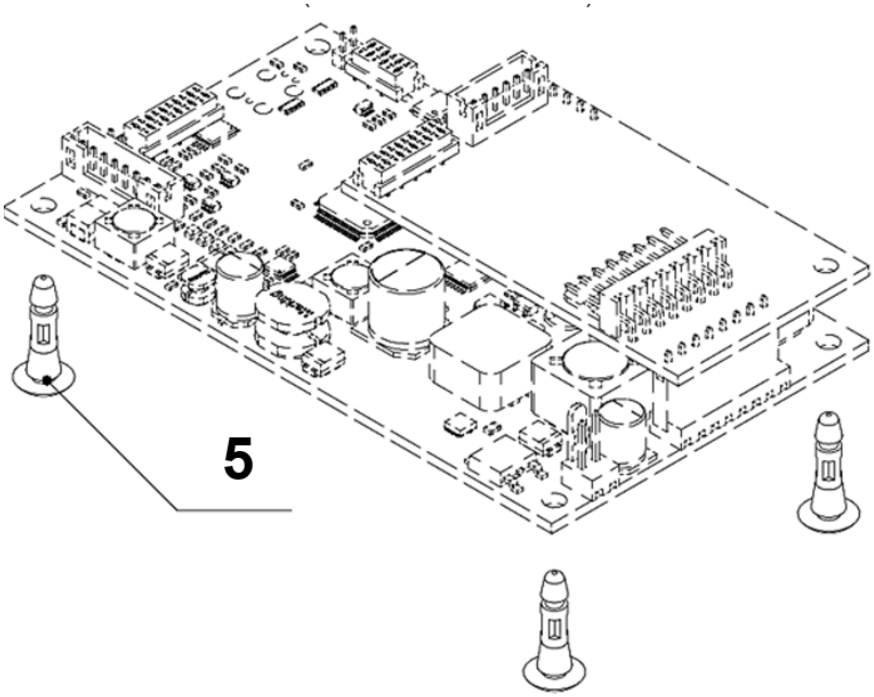
Pos.	Item no.	Product name	Unit	Quantity
001	V630.39-01-00	SOLENOID VALVE, JAKŠA, COMPLETE	PC	1.00
002	V619.28-43-00	SOLENOID VALVE, SIRAI 1, COMPLETE	PC	1.00
003	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
004	V601.40-00-06	INSERT, P8 - 6	PC	1.00
005	V608.45-00-08	LOCK RING, 1	PC	2.00
006	V606.41-00-21	LOCKING RING	PC	1.00
007	ME309255.077	THREADED FASTENER, M 3X18	PC	2.00
008	ME309231.019	THREADED FASTENER, M 3X14	PC	4.00
011	V629.28-00-03	RESTRICTOR, MODIFIED	PC	2.00
012	DSHO35	HOSE, DX	PC	1.00
901	V629.35-90-01	WIRES, YV - ASSEMBLY	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	3.00
903	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00

MB92 MOTOR MODULE ELECTRICAL CONNECTIONS FOR DX PRO MOTORS - V629.28-90-32

(only necessary for the first DX PRO or DX SRG motor)



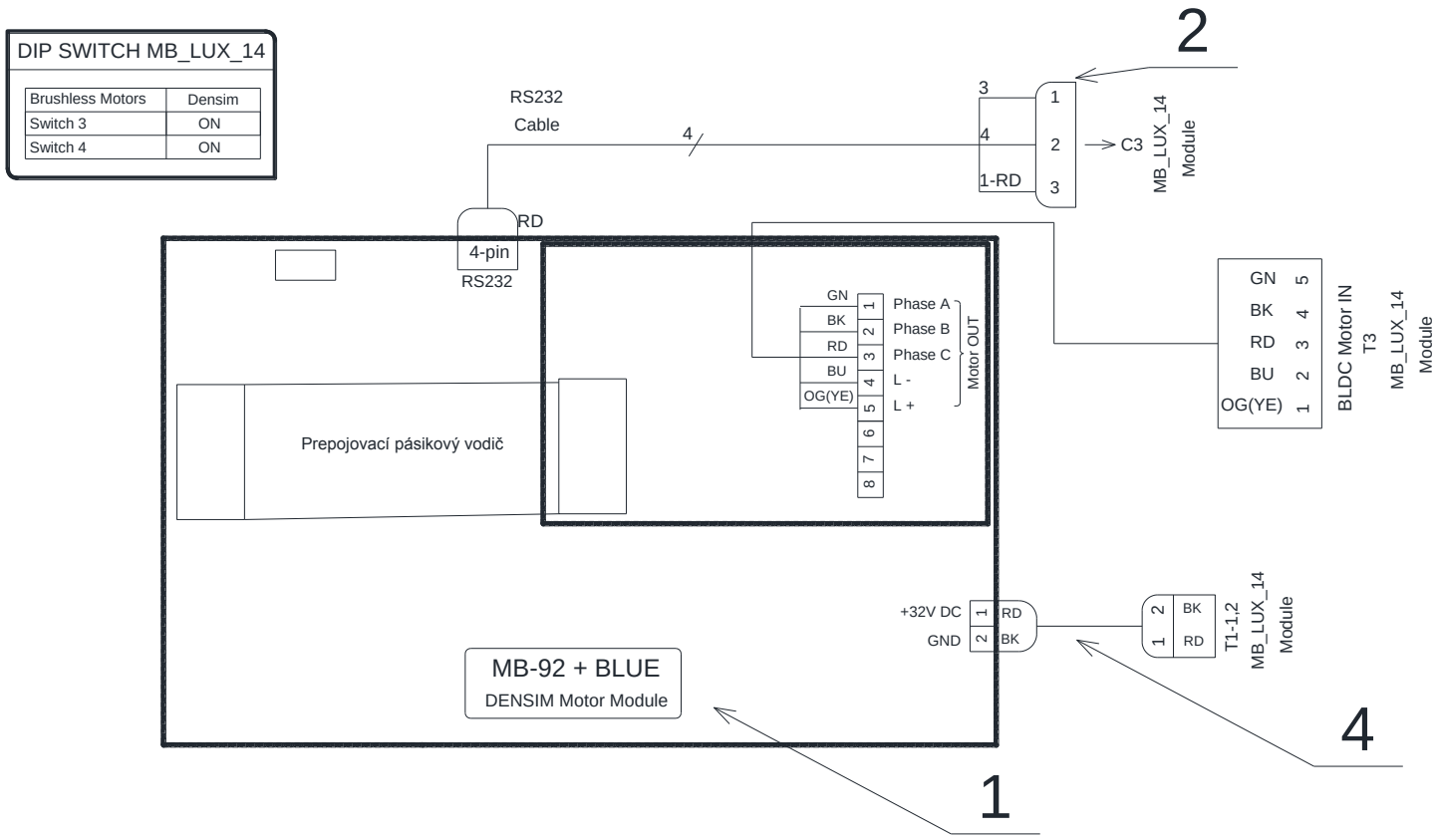
Module **DSMB92** (for DX PRO or DX SRG motor)



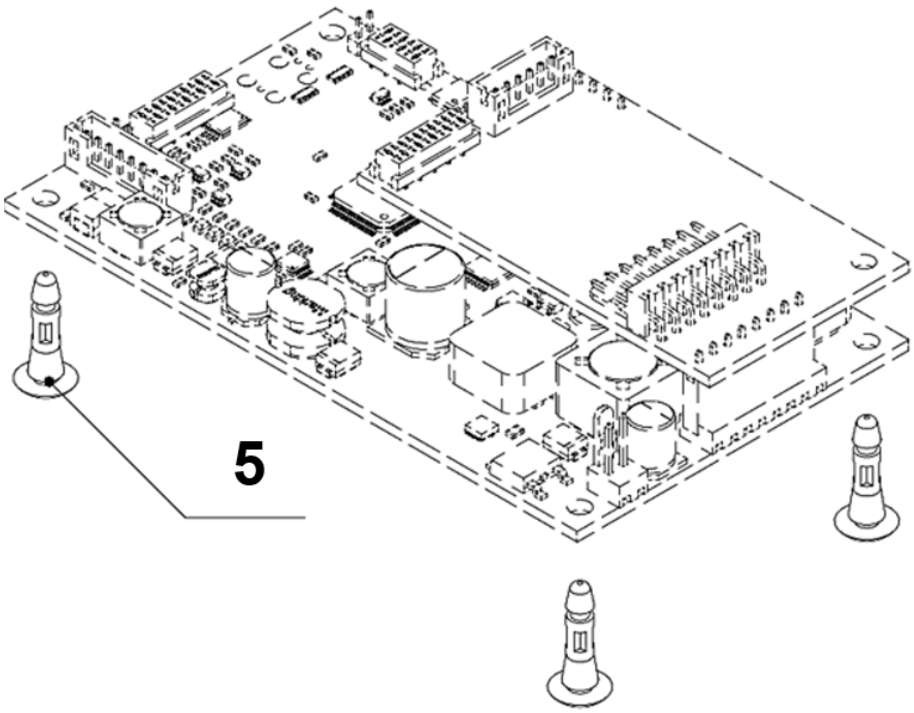
Pos.	Item no.	Product name	Unit	Quantity
001	DSMB92	DX PRO MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00
005	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00

DSMB92 BLUE MOTOR MODULE ELECTRICAL CONNECTIONS FOR DX PRO BLUE MOTORS - V629.28-90-32.3

(only necessary for the first DX PRO BLUE motor)



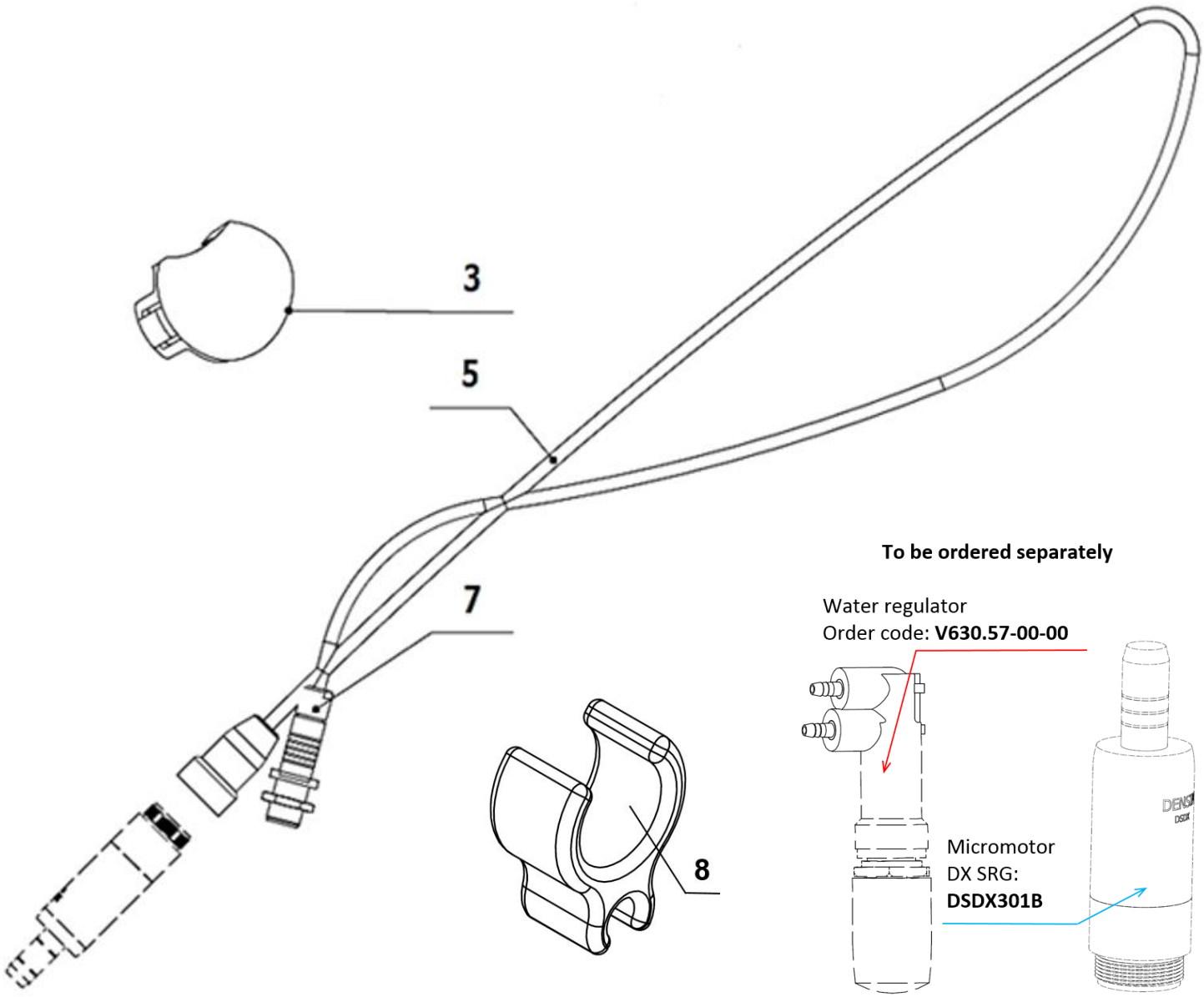
Module **DSMB92 BLUE** (for DX PRO BLUE motor)



Pos.	Item no.	Product name	Unit	Quantity
001	DSMB92BLUE	DX PRO BLUE MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00

005	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00

MICRO MOTOR DX SRG ACCESSORY - V630.39-00-00.3

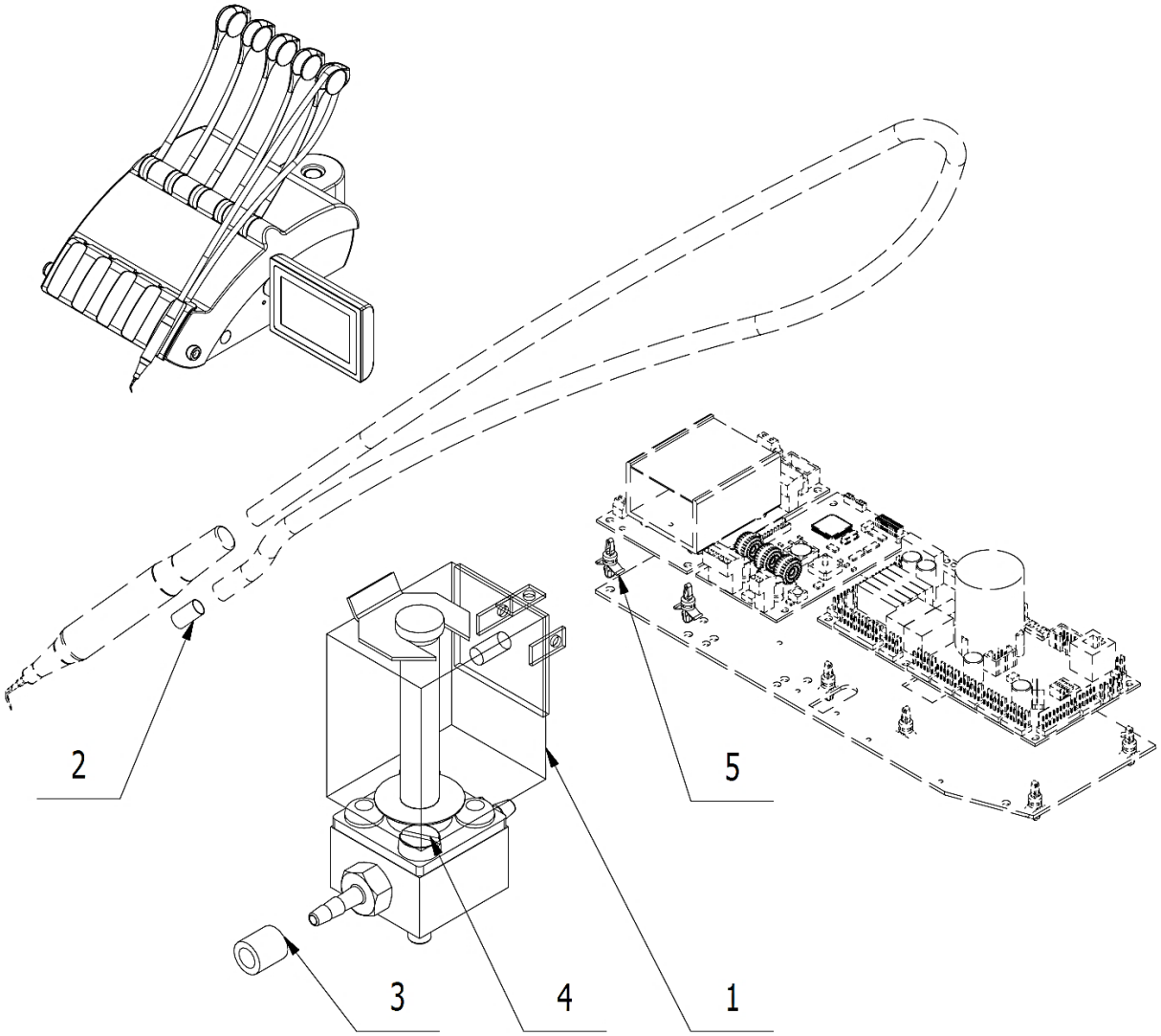


Pos.	Item no.	Product name	Unit	Quantity
003	V630.39-00-14	KNOCK-OUT BLANK - MODIFIED	PC	1.00
005	DSCB0970	CABLE, DX SRG 970 mm	PC	1.00
007	DSCBC001	FISCHER CONNECTOR FOR THE DX SRG CABLE	PC	1.00
008	V629.39-00-01	CLIP FOR IRRIGATION TUBE BienAir	KS	10,00
903	ME375000.004	INSULATED CRIMP FITTING - NITI 0.34X8TQ	PC	5.00

4 – USS – Ultra Sonic Scaler (Plaque removal instruments)

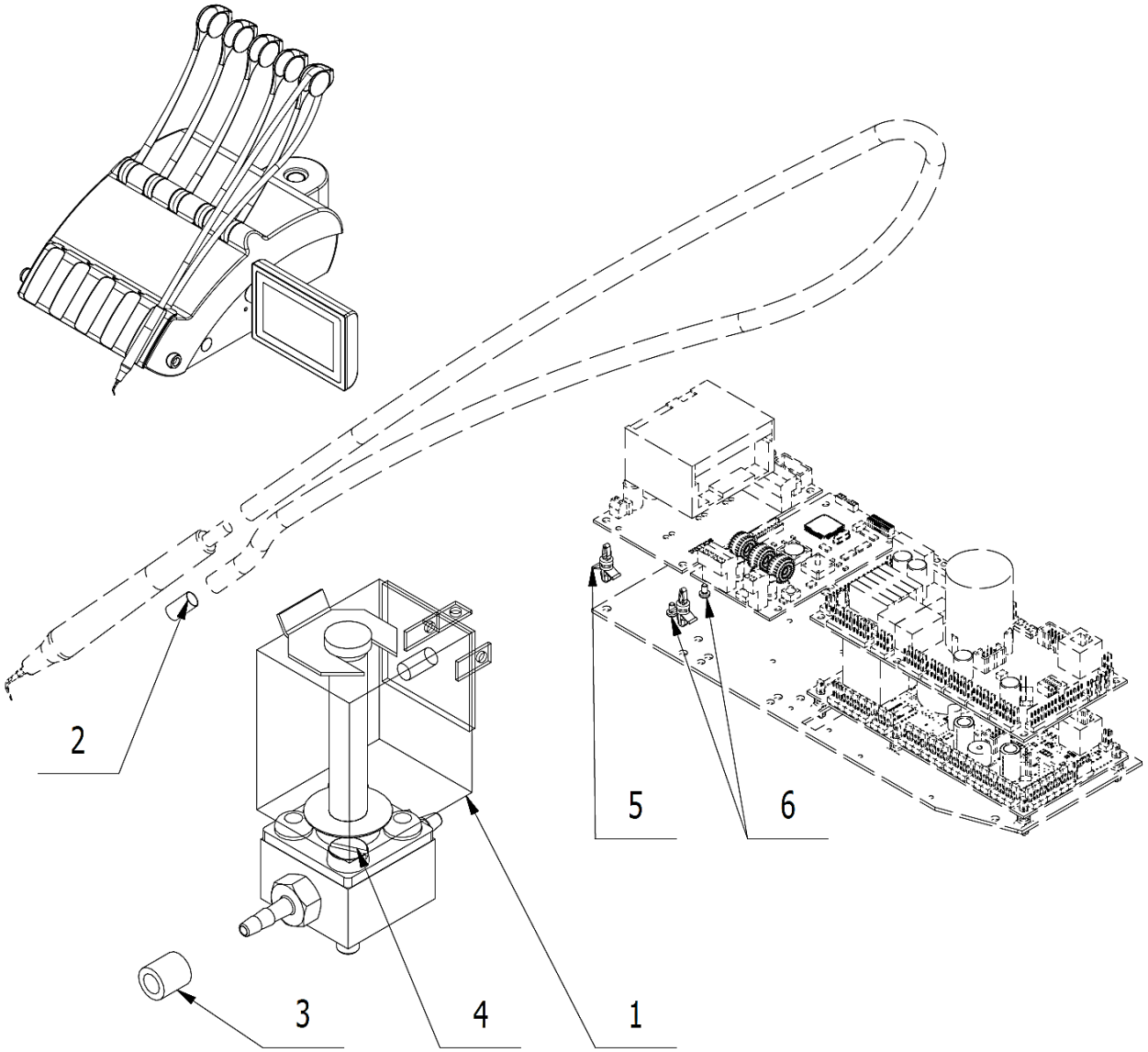
USS LM PROPOWER C ULTRALED ACCESSORY - V630.44-00-00.1

USS LM PROPOWER C BASIC ACCESSORY - V630.44-00-00.2



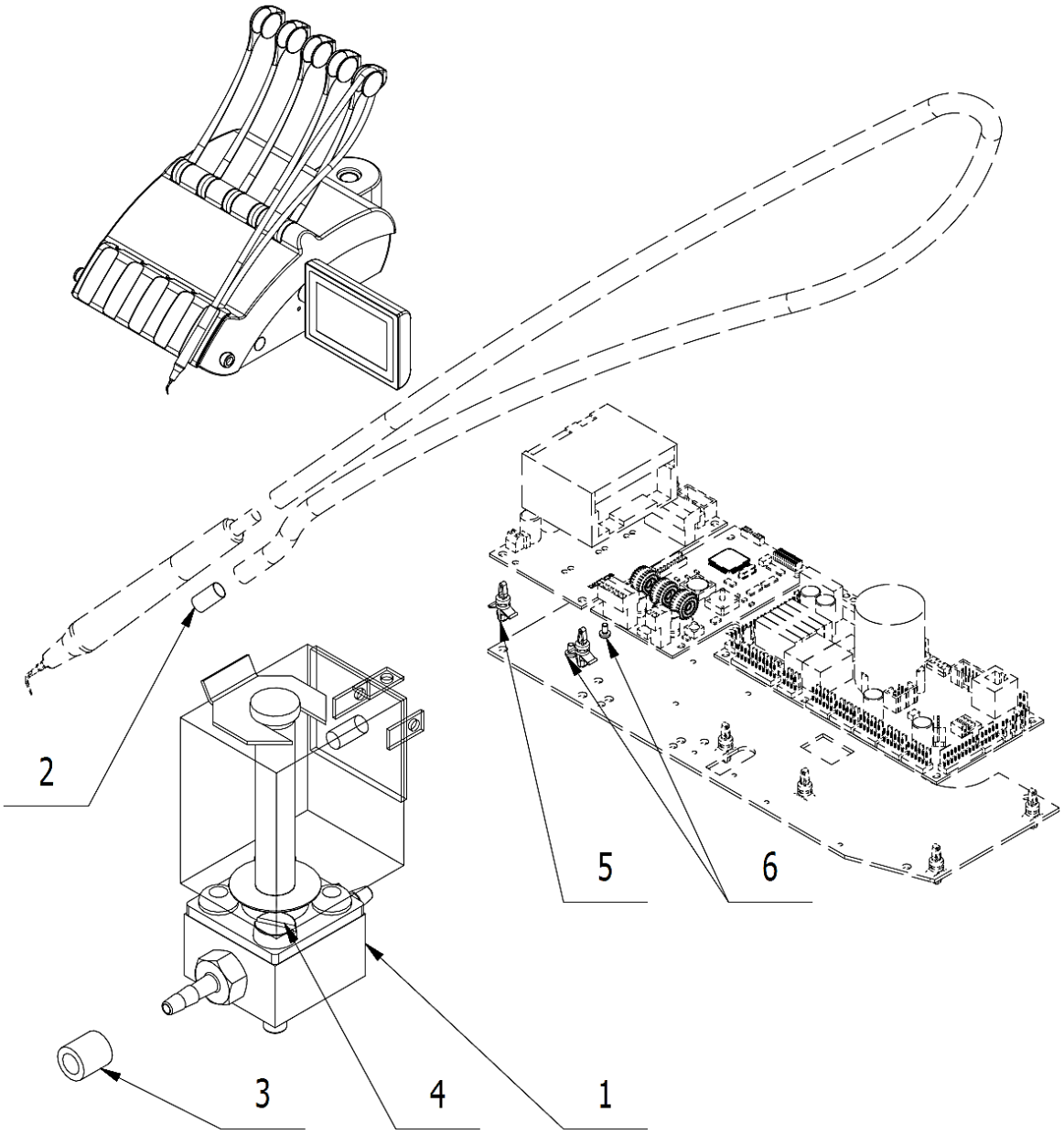
Pos.	Item no.	Product name	Unit	Quantity
001	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
002	V601.40-00-06	INSERT, P8 - 6	PC	1.00
003	V608.45-00-08	LOCK RING, 1	PC	1.00
004	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
005	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4.00
901	ME374000.376	SCA_LUX3 MODULE	PC	1.00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1.00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2.00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2.00
905	V400.01-01-40	LABEL, TEXT	PC	1.00
906	V629.44-90-06.1	WIRES, LM - ASSEMBLY	PC	1.00
907	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	3.00
908	ME375000.004	INSULATED CRIMP FITTING - NITI 0.34X8TQ	PC	1.00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2.00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5.00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2.00

USS EMS FS-367 LED ACCESSORY - V630.47-00-00.1



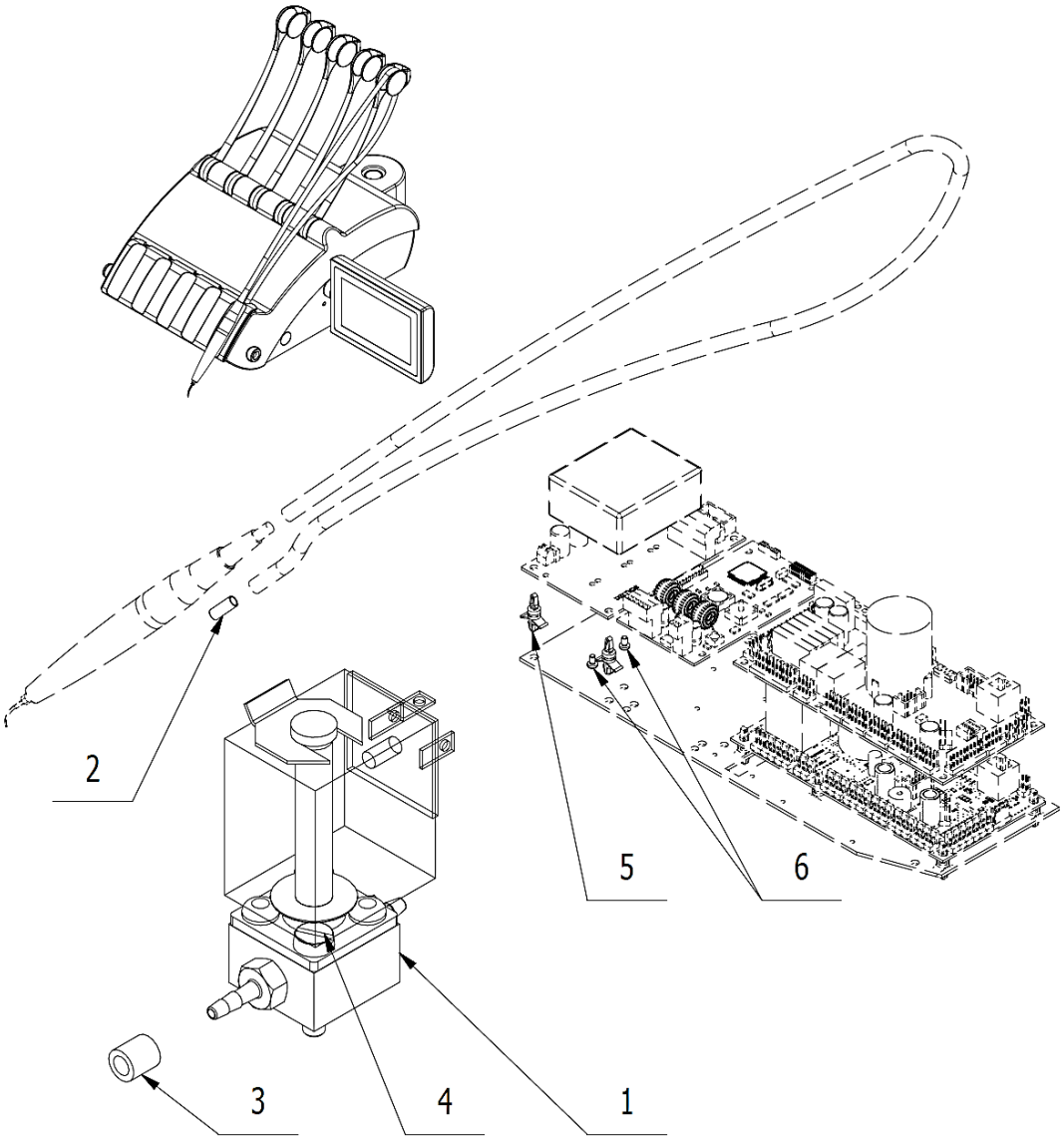
Pos.	Item no.	Product name	Unit	Quantity
001	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
002	V601.40-00-06	INSERT, P8 - 6	PC	1.00
003	V608.45-00-08	LOCK RING, 1	PC	1.00
004	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
005	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4.00
006	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
901	ME374000.376	SCA_LUX3 MODULE	PC	1.00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1.00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2.00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2.00
905	V400.01-01-40	LABEL, TEXT	PC	1.00
907	ME243422.010	SHRINK-FIT INSUL. SLEEVE, P 2.1 BLACK	M	0.12
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	4.00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2.00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5.00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2.00
912	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1.00
913	ME372000.020	DIODE 1N 4007 1 A/1000 V	PC	1.00

USS EMS FS432 LED ACCESSORY - V630.47-00-00.3
USS EMS FS433 ACCESSORY - V630.47-00-00.4



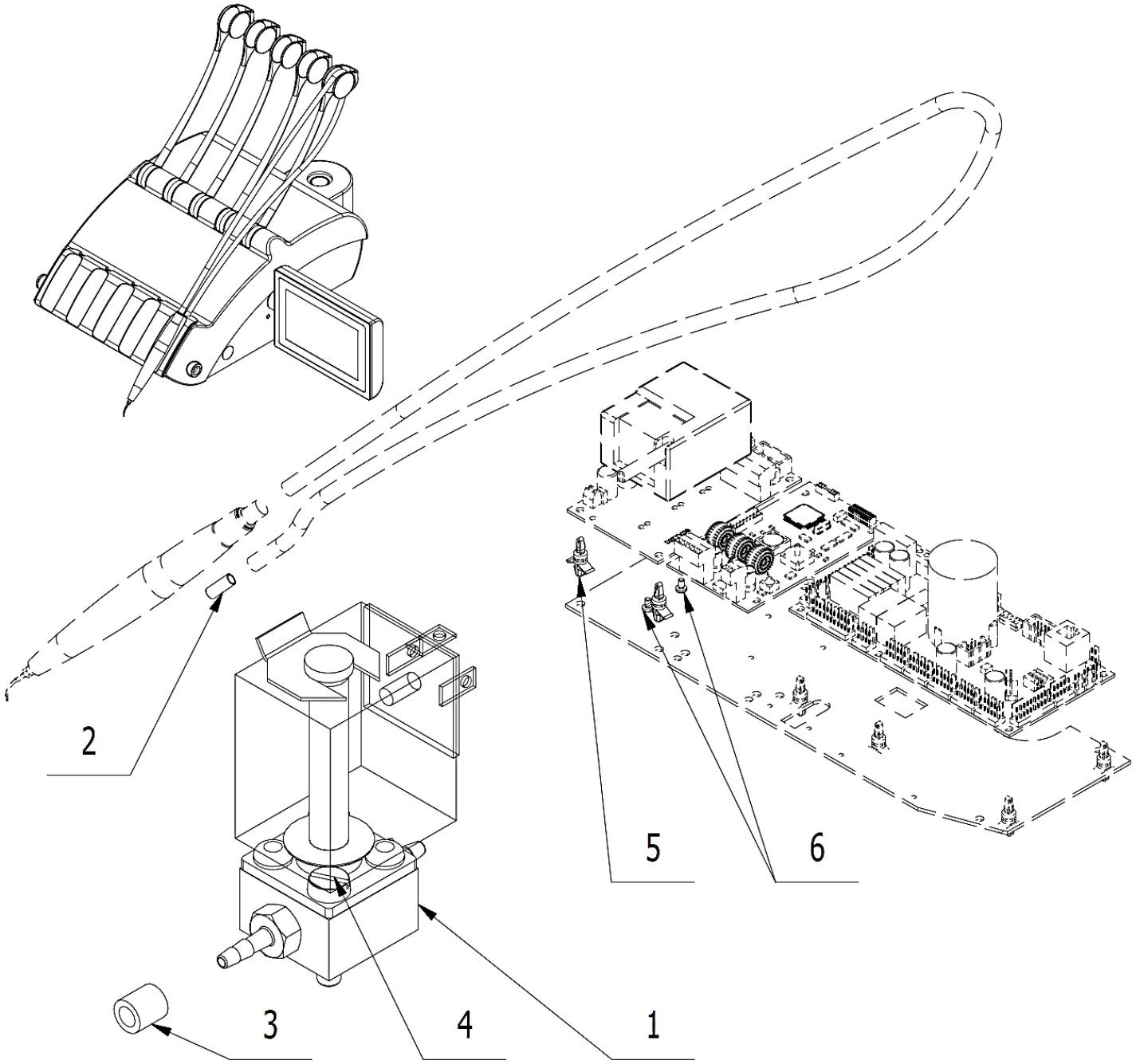
Pos.	Item no.	Product name	Unit	Quantity
001	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
002	V601.40-00-06	INSERT, P8 - 6	PC	1.00
003	V608.45-00-08	LOCK RING, 1	PC	1.00
004	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
005	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4.00
006	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
901	ME374000.376	SCA_LUX3 MODULE	PC	1.00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1.00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2.00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2.00
905	V400.01-01-40	LABEL, TEXT	PC	1.00
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	2.00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5.00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2.00
912	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1.00

USS NSK VARIOS 170 ACCESSORY - V630.51-00-00
USS NSK VARIOS 170 LED ACCESSORY - V630.51-00-00.1



Pos.	Item no.	Product name	Unit	Quantity
001	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
002	V621.51-00-10	INSERT, P6 - 2	PC	1.00
003	V608.45-00-08	LOCK RING, 1	PC	1.00
004	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
005	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4.00
006	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
901	ME374000.376	SCA_LUX3 MODULE	PC	1.00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1.00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2.00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2.00
905	V400.01-01-40	LABEL, TEXT	PC	1.00
906	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1.00
907	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	4.00
908	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2.00
909	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5.00
910	ME345711.034	CLAMP, F0505 HC 101	PC	2.00

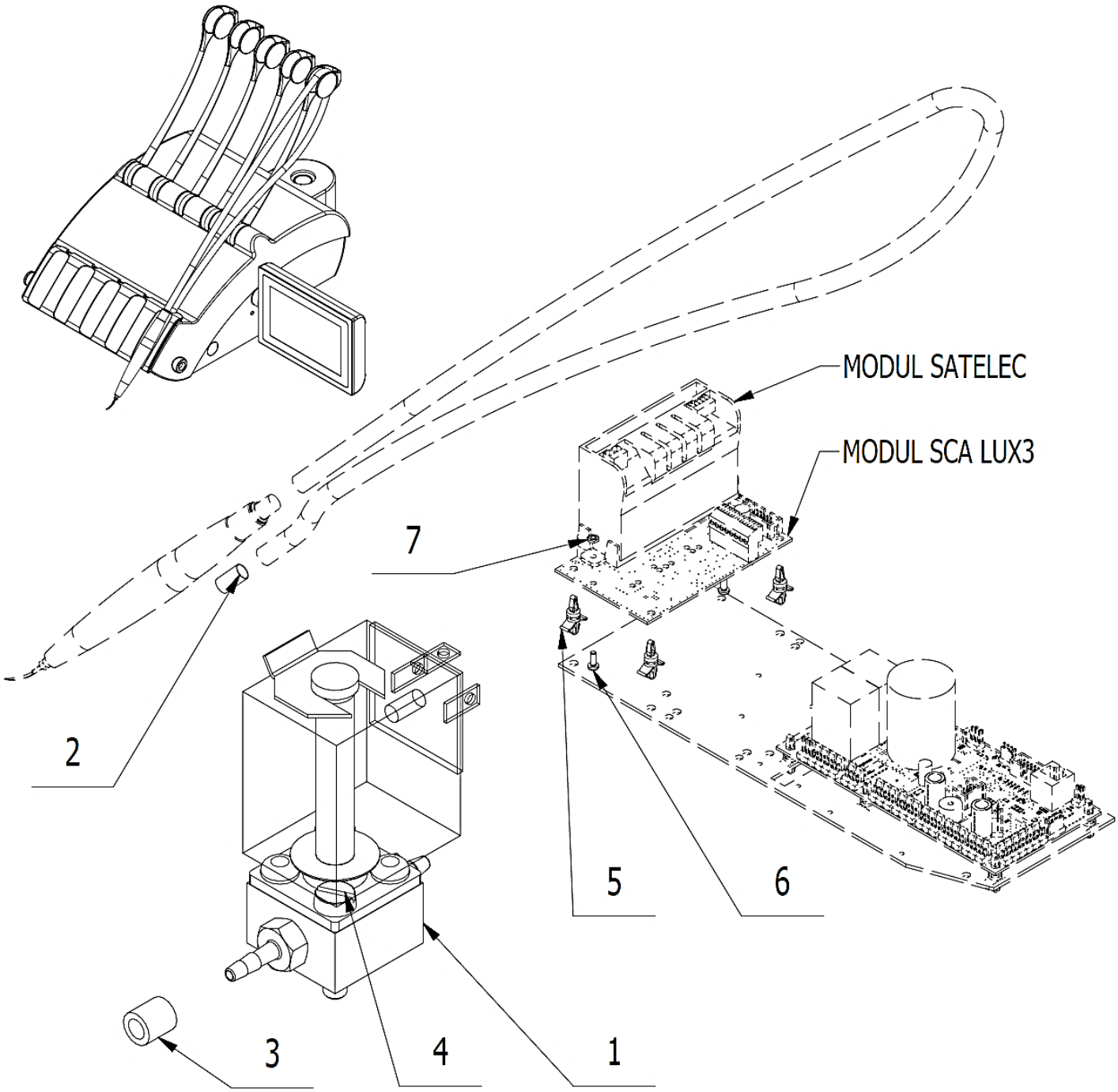
USS SATELEC NEWTRON ACCESSORY - V630.48-00-00
USS SATELEC NEWTRON LED ACCESSORY - V630.48-00-00.1



Pos.	Item no.	Product name	Unit	Quantity
001	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
002	V621.51-00-10	INSERT, P6 - 2	PC	1.00
003	V608.45-00-08	LOCK RING, 1	PC	1.00
004	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
005	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4.00
006	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
901	ME374000.376	SCA_LUX3 MODULE	PC	1.00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1.00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2.00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2.00
905	V400.01-01-40	LABEL, TEXT	PC	1.00
906	ME371814.059	FUSE, 5X20 T 1.25A	PC	1.00
907	ME354321.011	RING WIRE CONNECTOR, 7610-01/4	PC	1.00

908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	11.00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2.00
910	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1.00
911	ME375000.002	INSULATED CRIMP FITTING - NITI 0.75X8GY	PC	1.00
912	ME345621.012	TERMINAL STRIP, CM 1012	PC	1.00
913	V400.01-00-49	LABEL, XT3	PC	1.00
914	ME548232.303	LABEL, 4-602.8-00-57	PC	1.00
915	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5.00
916	ME345711.034	CLAMP, F0505 HC 101	PC	2.00

USS SATELEC ACTEON XINETIC ACCESSORY - V630.46-00-00.1



Pos.	Item no.	Product name	Unit	Quantity
001	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
002	V601.40-00-06	INSERT, P8 - 6	PC	1.00
003	V608.45-00-08	LOCK RING, 1	PC	1.00
004	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
005	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4.00
006	ME309255.036	THREADED FASTENER, M 3X8	PC	2.00
007	ME311210.019	NUT, M 3	PC	2.00
030	**ME283367.118**	**USS SATELEC ACTEON XINETIC**	**PC**	**OPTION**
901	ME374000.376	SCA_LUX3 MODULE	PC	1.00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1.00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2.00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2.00

905	V400.01-01-40	LABEL, TEXT	PC	1.00
906	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	10.00
907	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2.00
909	ME397900.012	CABLE TIE, F 0301 CV-094	PC	6.00
910	ME345711.034	CLAMP, F0505 HC 101	PC	2.00
911	ME341419.006	WIRE, LiY 0.25 RD - 4126104S	M	0.15
912	ME341419.002	WIRE, LiY 0.25 BU - 4126002S	M	0.15
913	ME341419.016	WIRE, LiY 0.25 OG	M	0.15
914	ME341419.008	WIRE, LiY 0.25 GY - 4126106S	M	0.15

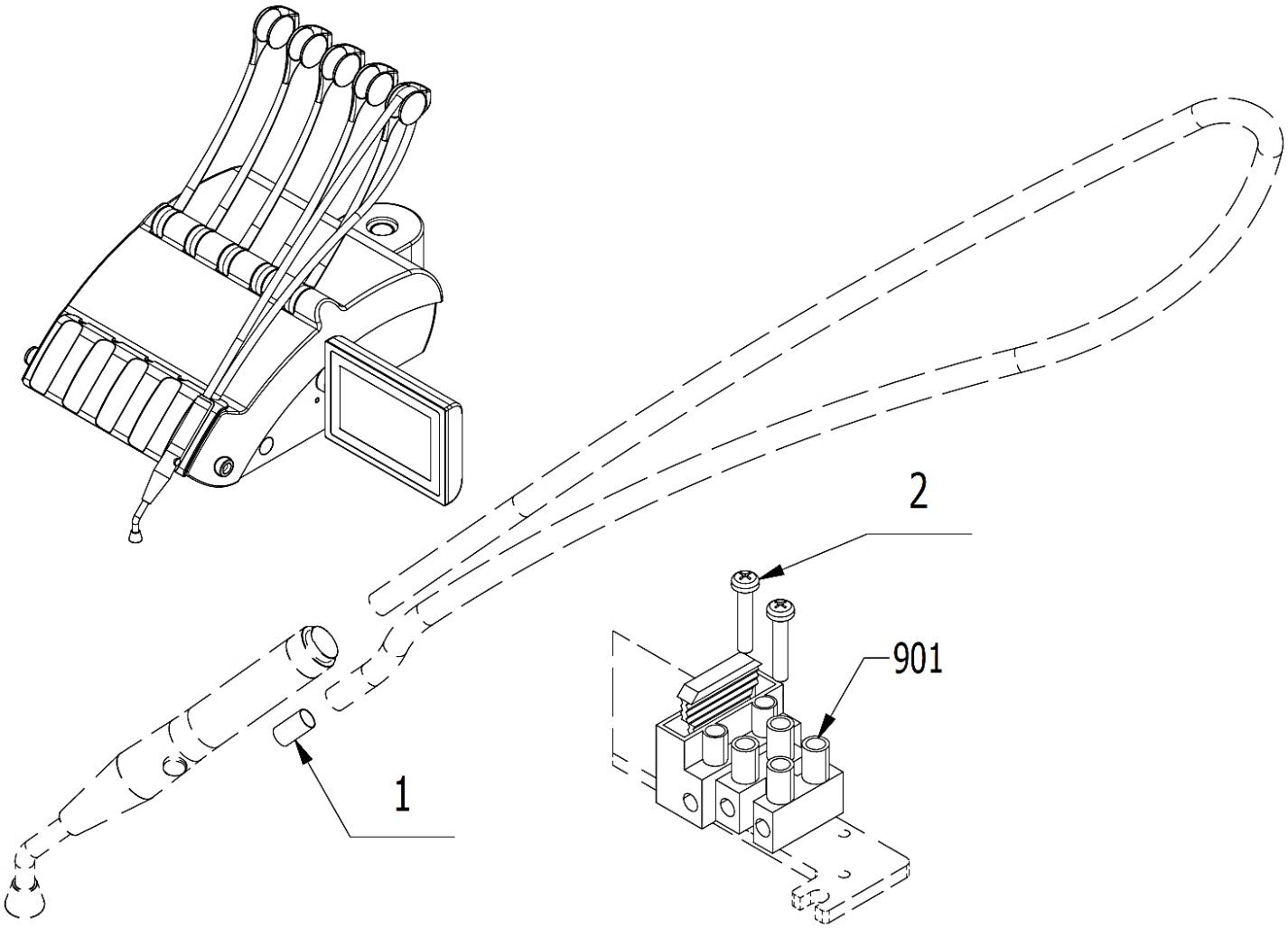
ACCESSORY FOR USS WOODPECKER UDS-N3 LED - V630.43-00-00

(WOODPECKER UDS-N3 LED = ME283367.124)

POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	V619.28-44-00	SOLENOID VALVE, SIRAI	PC	1,00
002	V601.40-00-06	INSERT P8,6	PC	1,00
003	V608.45-00-08	LOCKING RING 1	PC	1,00
004	ME309231.019	SCREW M 3X14	PC	2,00
005	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4,00
006	ME309543.088	SCREW M 3X5	PC	2,00
015	V629.33-00-12	MODULES PLATE	PC	1,00
016	V629.33-00-11	MODULE BOARD POST	PC	3,00
030	ME283367.124	WOODPECKER UDS-N3 LED	PC	**OPTION**
901	ME374000.376	MODULE SCA_LUX3	PC	1,00
902	ME374010.069	CABLE SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	CONDUCTOR WH	PC	2,00
904	V629.44-90-04.1	CONDUCTOR GN	PC	2,00
905	V400.01-01-40	LABEL TEXT	PC	1,00
906	ME283367.125	WOODPECKER ADAPTER	PC	1,00
910	ME397900.012	CABLE TIE F 0301 CV-094	PC	5,00
911	ME345711.034	ADHESIVE CLIP F0505 HC 101	PC	2,00

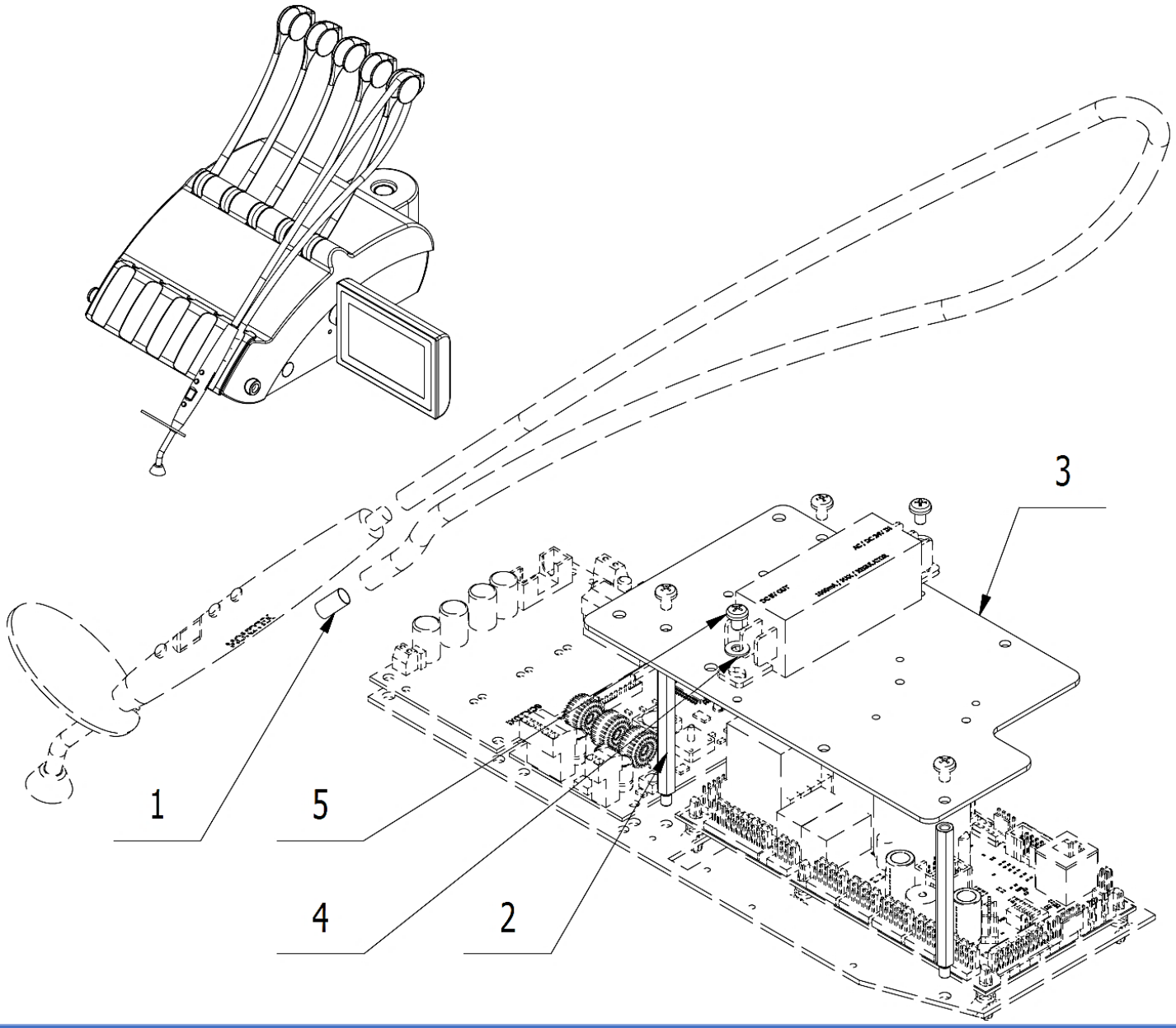
5 – Curing lamps

MECTRON PLM ACCESSORY - V630.50-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V601.40-00-06	INSERT, P8 - 6	PC	1,00
002	ME309255.049	THREADED FASTENER, M 3X16	PC	2,00
901	ME345621.010	TERMINAL STRIP WITH FUSE, CM 1035	PC	1,00
902	ME371814.057	FUSE, 5X20 T 315 mA	PC	1,00
903	V400.01-00-54	LABEL, XT8	PC	1,00
904	ME735000.169	LABEL, 4-602.2-90-23	PC	1,00
905	V400.01-00-45	LABEL, FU9	PC	1,00
906	ME735000.274	LABEL, T315 MA	PC	1,00
907	ME341419.007	WIRE, LiY 0.25 WH - 4126105S	M	1,02
908	ME341419.008	WIRE, LiY 0.25 GY - 4126106S	M	0,40
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2,00
910	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	6,00
911	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	2,00
912	ME374060.010	HOUSING, NSG 25-2	PC	1,00

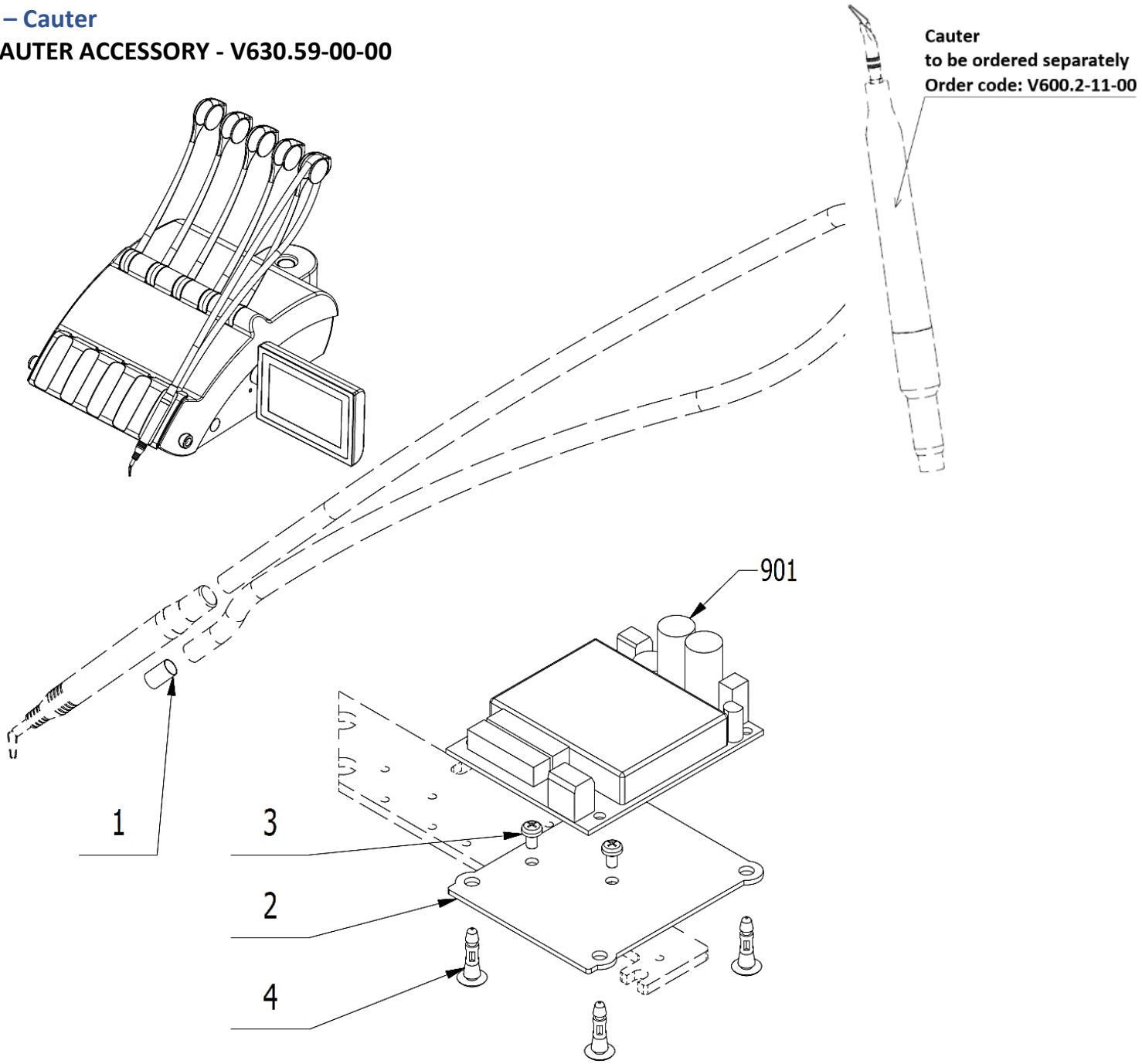
MONITEX PLM ACCESSORY - V630.50-00-00.1



Pos.	Item no.	Product name	Unit	Quantity
001	V601.40-00-06	INSERT, P8 - 6	PC	1,00
002	V629.33-00-11	MODULE BOARD POST	PC	3,00
003	V629.33-00-12	MODULE BOARD	PC	1,00
004	ME311210.028	WASHER, P 4.3	PC	2,00
005	ME309255.073	THREADED FASTENER, M 4X6	PC	2,00
901	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	8,00
902	ME341411.059	WIRE, LAU 0.5 WHITE	M	1,00
903	ME345621.021	TERMINAL STRIP WITH FUSE, CM 1025	PC	1,00
904	ME371814.057	FUSE, 5X20 T 315 mA	PC	1,00
905	V400.01-00-54	LABEL, XT8	PC	1,00
906	V400.01-00-45	LABEL, FU9	PC	1,00
907	ME735000.274	LABEL, T315 MA	PC	1,00
908	ME309255.049	THREADED FASTENER, M 3X16	PC	1,00
909	ME375000.004	INSULATED CRIMP FITTING - NITI 0.34X8TQ	PC	2,00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2,00
911	ME345711.034	CLAMP, F0505 HC 101	PC	1,00

6 – Cauter

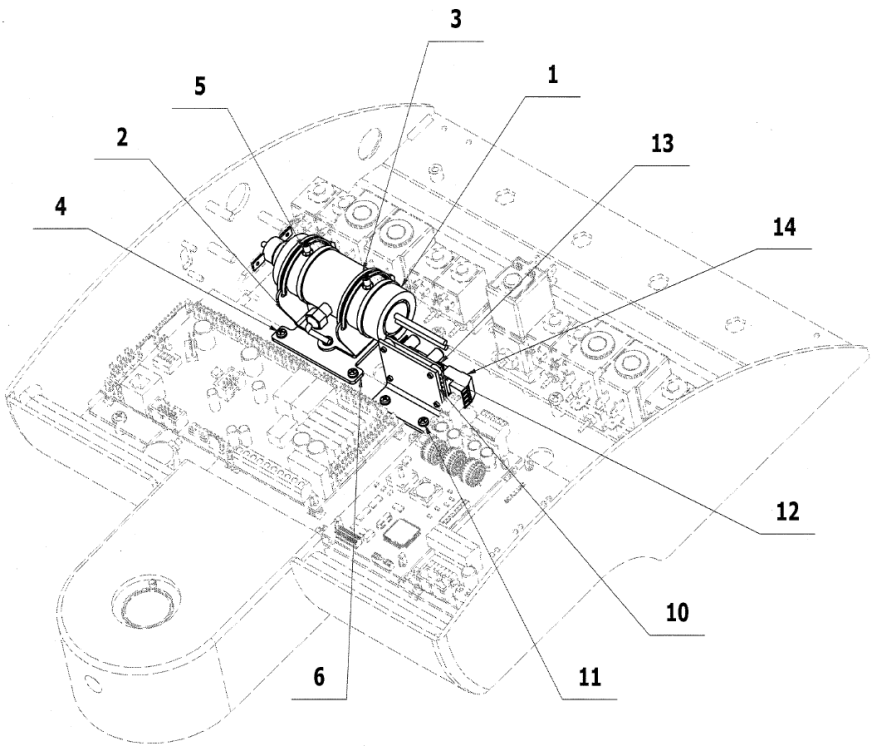
CAUTER ACCESSORY - V630.59-00-00

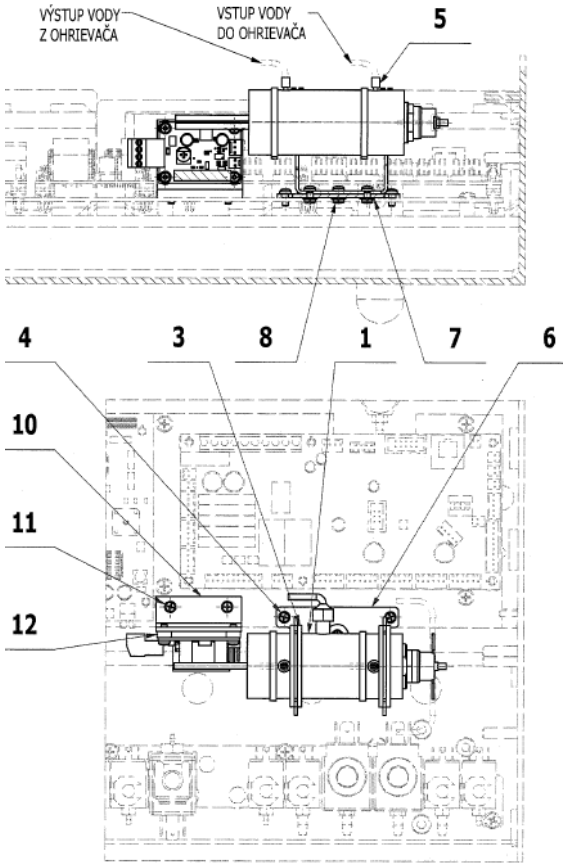


Pos.	Item no.	Product name	Unit	Quantity
001	V601.40-00-12	INSERT, P9.6	PC	1.00
002	V629.59-00-10	CAUTER PLATE	PC	1.00
003	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
004	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00
901	ME374000.270	ECO_CAU1 MODULE	PC	1.00
902	V629.59-90-02	CABLE, MB-CAU_LUX	PC	1.00
903	V629.59-90-03	WIRES, WH - ASSEMBLY	PC	1.00
905	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	2.00
906	ME375000.007	INSULATED CRIMP FITTING - NITI 2X1X7.8RD	PC	2.00

7 – Other control panel accessories

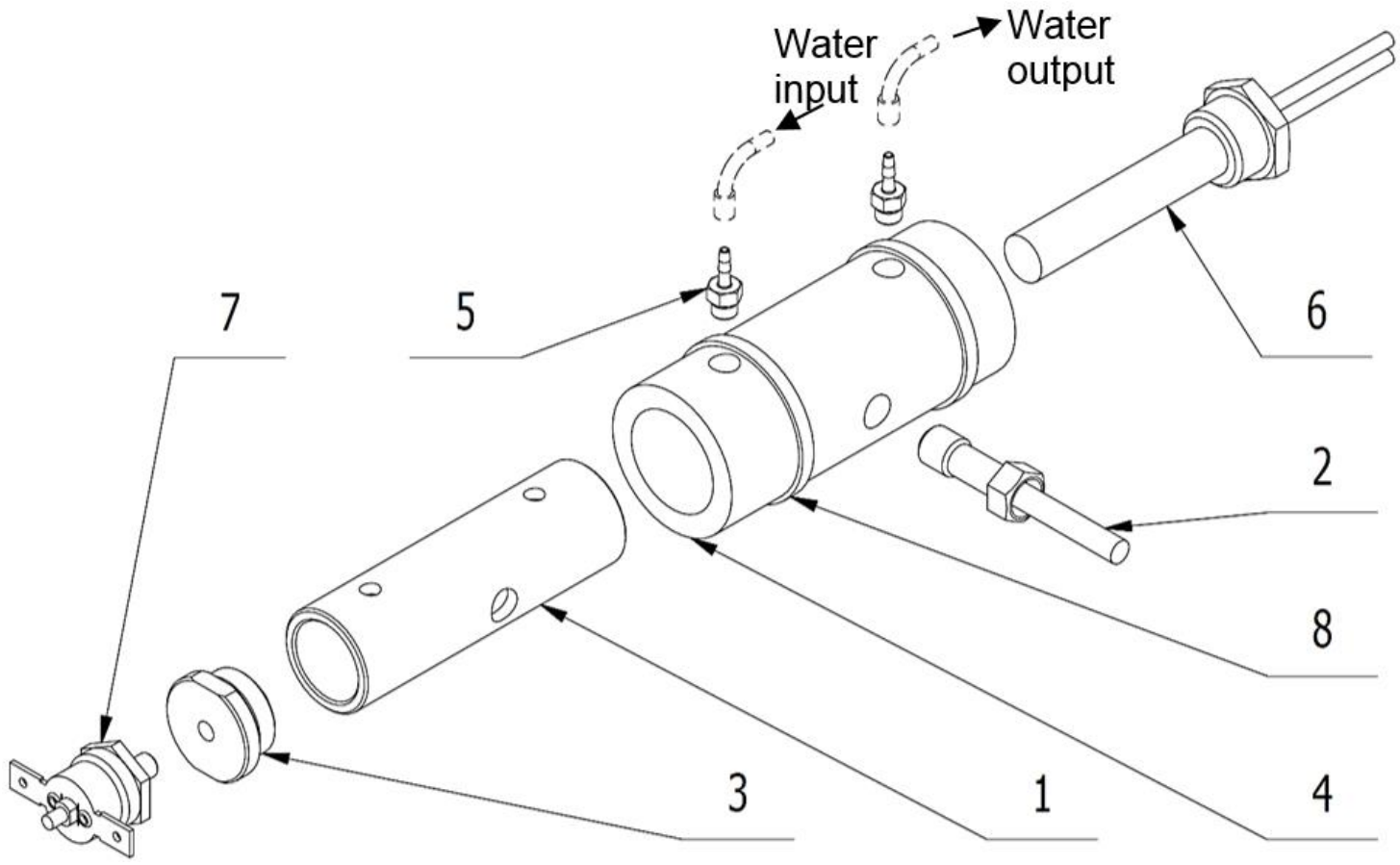
WATER HEATER ACCESSORY - V629.45-00-00

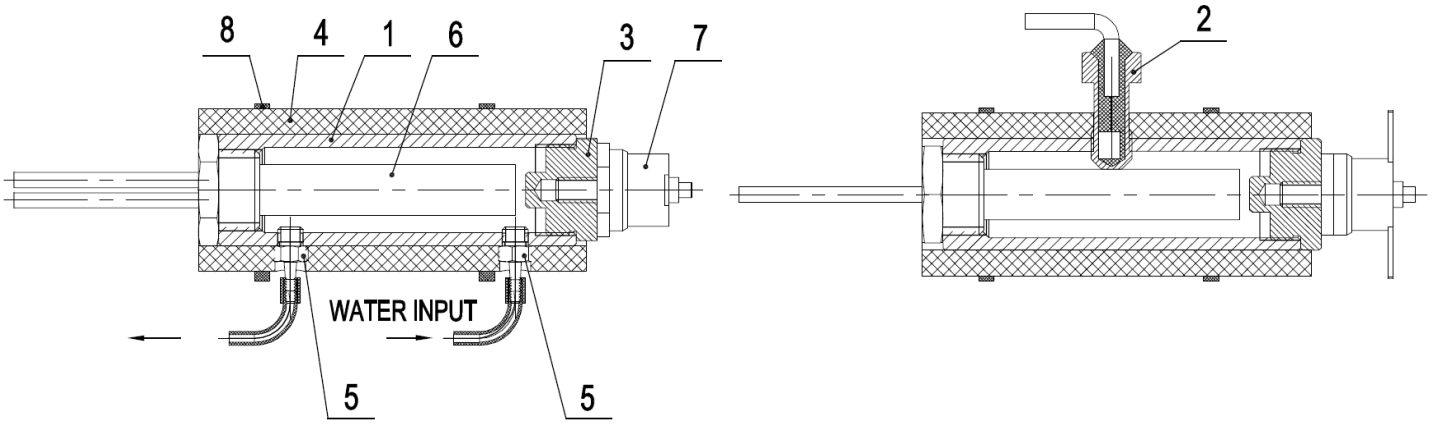




Pos.	Item no.	Product name	Unit	Quantity
001>>	V635.45-01-00	HEATER	PC	1.00
002	V618.45-00-02	HEATER HOLDER	PC	1.00
003	ME397800.015	CABLE TIE, F0301 CV-200	PC	2.00
004	ME309255.051	THREADED FASTENER, M 3X6	PC	5.00
005	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	2.00
006	V629.45-00-06	HOLDER	PC	1.00
007	ME311210.040	WASHER, P 3.2	PC	3.00
008	ME311210.019	NUT, M 3	PC	3.00
010	V629.45-00-07	MODULE HOLDER	PC	1.00
011	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
012	ME371418.008	SPACER POST, KDR 03	PC	4.00
013	ME309255.036	THREADED FASTENER, M 3X8	PC	4.00
901	ME374000.356	TWH1 MODULE	PC	1.00
902	V635.45-90-01	POWER WIRES, TWH1 MODULE	PC	1.00
903	V635.45-90-02	WIRE FOR HEATER	PC	1.00
904	ME345571.001	FASTON SOCKET, 6.3 0.3-0.8 mm2	PC	1.00
905	ME343415.032	INSULATION SLEEVE, 6.3 mm, PA	PC	1.00
906	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	3.00
907	ME374060.011	HOUSING, NSG 25-3	PC	1.00
908	V635.45-90-03	WIRES, TWH1 MODULE	PC	1.00
909	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1.00

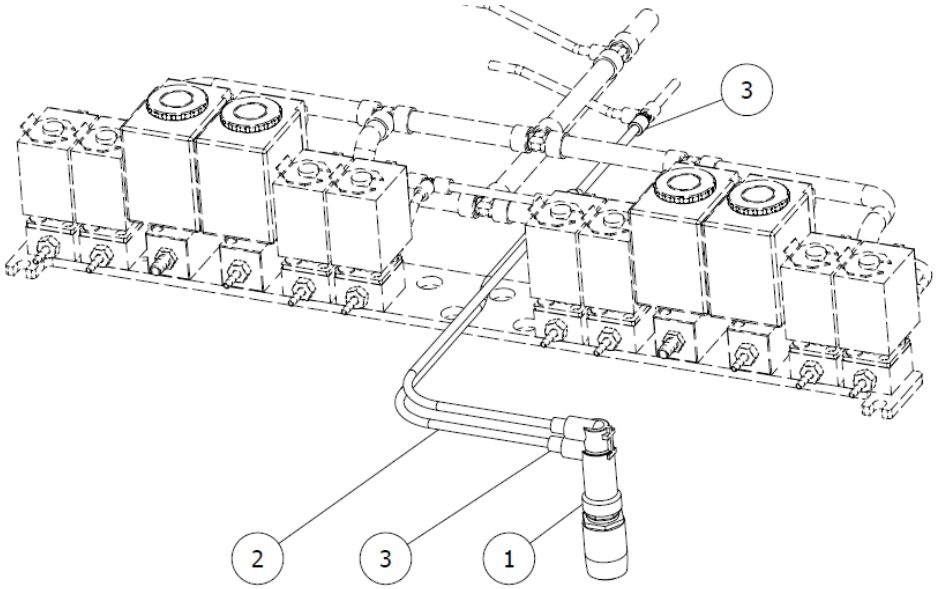
>>HEATER - V635.45-01-00





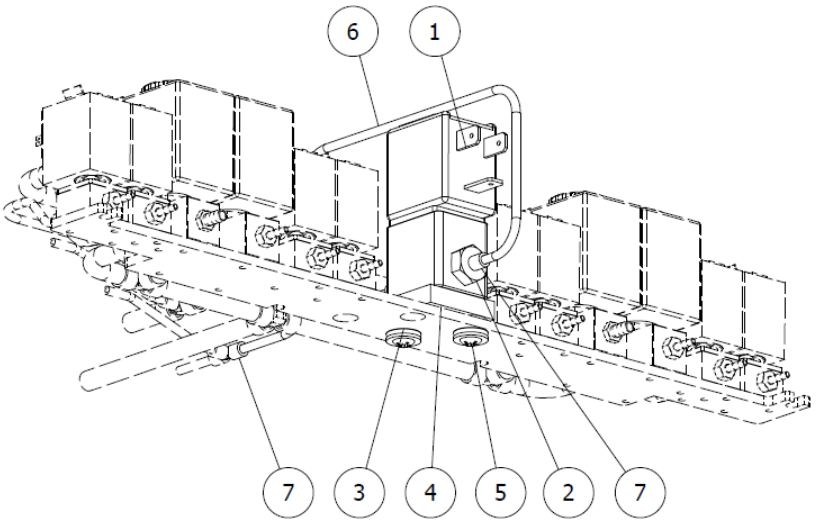
Position	Item no.	Product name	Unit	Quantity
001	V618.45-01-01.1	HEATER BODY	PC	1.00
002	V635.45-02-00	HEATER SENSOR	PC	1.00
003	V618.45-01-03	THERMOSTAT BUSHING	PC	1.00
004	V618.45-01-04	INSULATION, PR 22X6	PC	1.00
005	ME397522.004	TAIL-PIECE, 11752-2-M5-PKG	PC	2.00
006	ME541525.010	100 W HEATING ELEMENT	PC	1.00
007	ME405720.005	THERMOSTAT, S-3014 2455RM LIMITER	PC	1.00
008	ME397800.015	CABLE TIE, F0301 CV-200	PC	2.00

►CHILLED WATER REGULATOR ACCESSORY - V630.57-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V622.28-80-00	WATER REGULATOR	PC	1.00
002	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.22
003	V608.45-00-08	LOCK RING, 1	PC	3.00

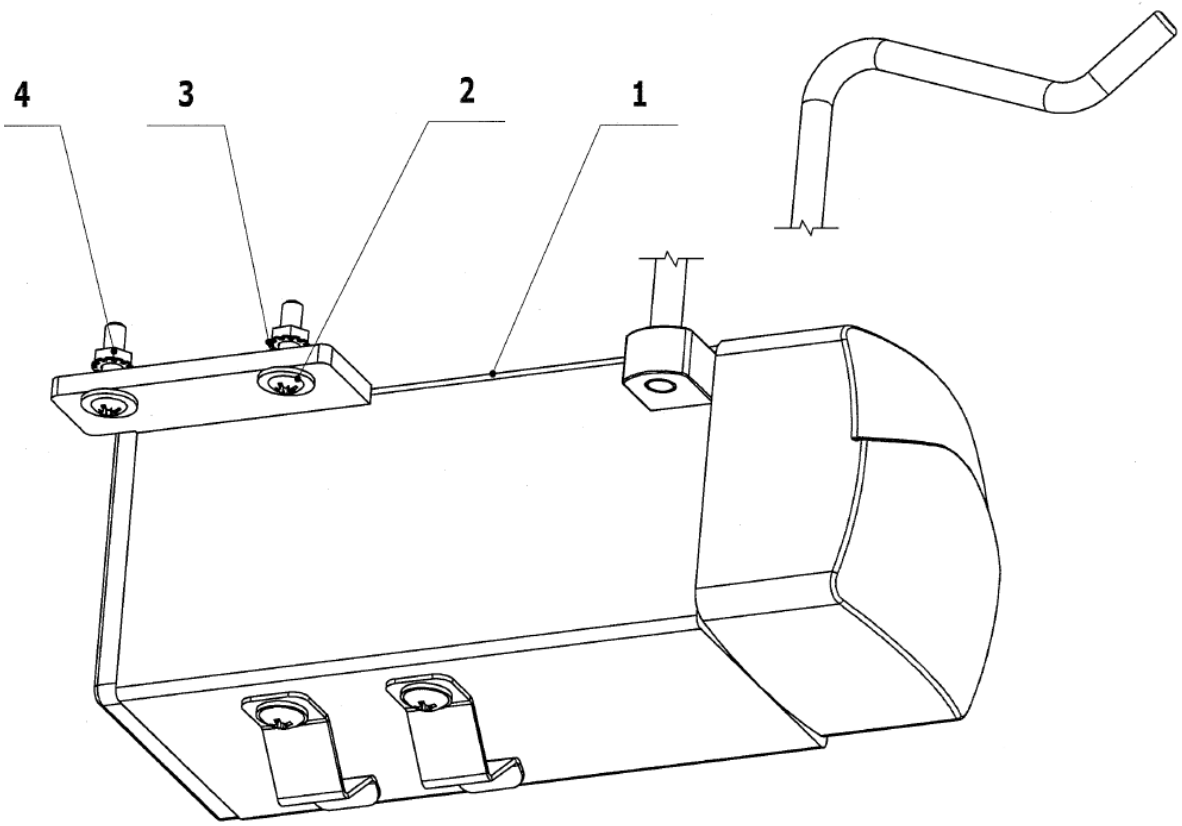
PROPORTIONAL VALVE ACCESSORY - V630.58-00-00

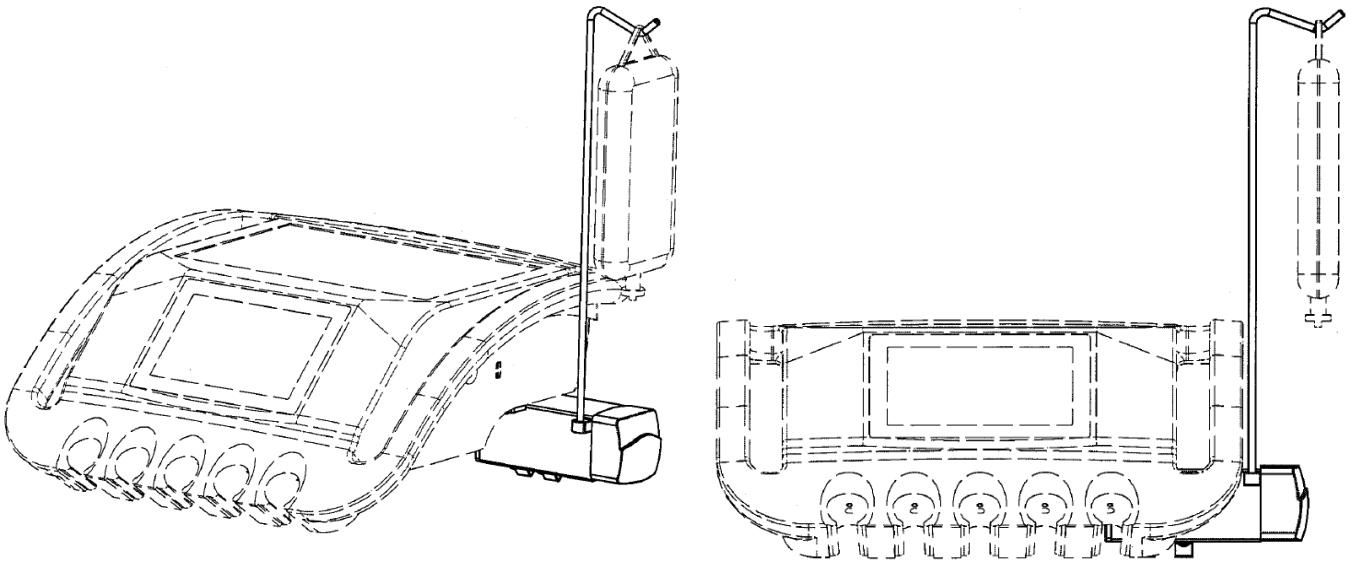


Pos.	Item no.	Product name	Unit	Quantity
001	ME551114.004	PROPORTIONAL VALVE, ASCO SCG202A207V	PC	1.00
002	ME336401.023	ADAPTER 18210-1	PC	2.00
003	ME273121.042	BUSHING, TYPE F2, 5X3	PC	2.00
004	V619.28-58-10	VIBRATION INSULATION	PC	1.00
005	ME309251.107	THREADED FASTENER, M 4X16, DECORATIVE	PC	2.00
006	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.22
007	V608.45-00-08	LOCK RING, 1	PC	4.00
901	ME374100.076	PROP. WATER VALVE WIRES	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	1.00
903	ME374000.407	MODULE, RCD-24-0 - 50	PC	1.00

► PERISTALTIC PUMP ACCESSORY - V629.31-00-00

(for DA270, DA280)

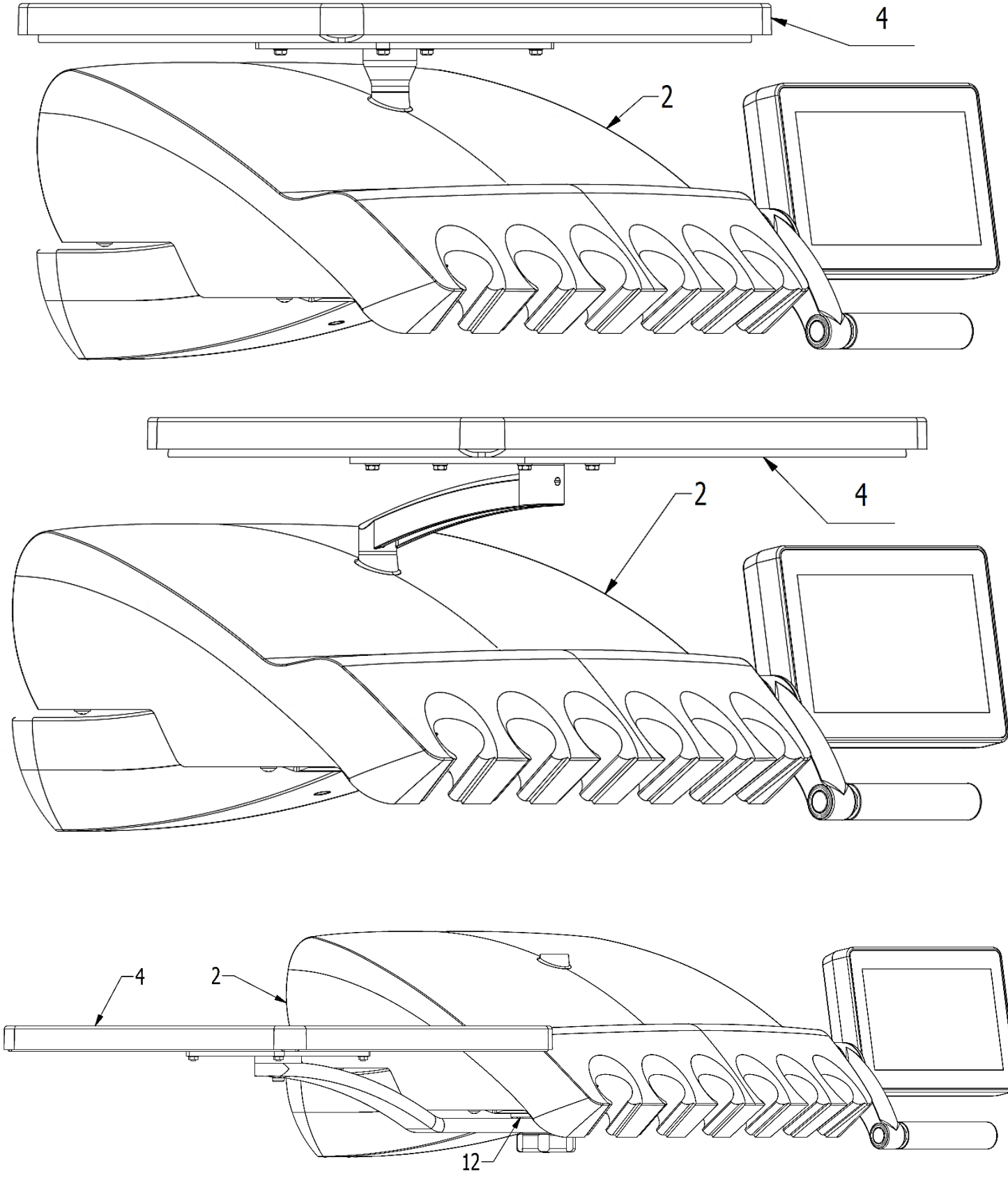


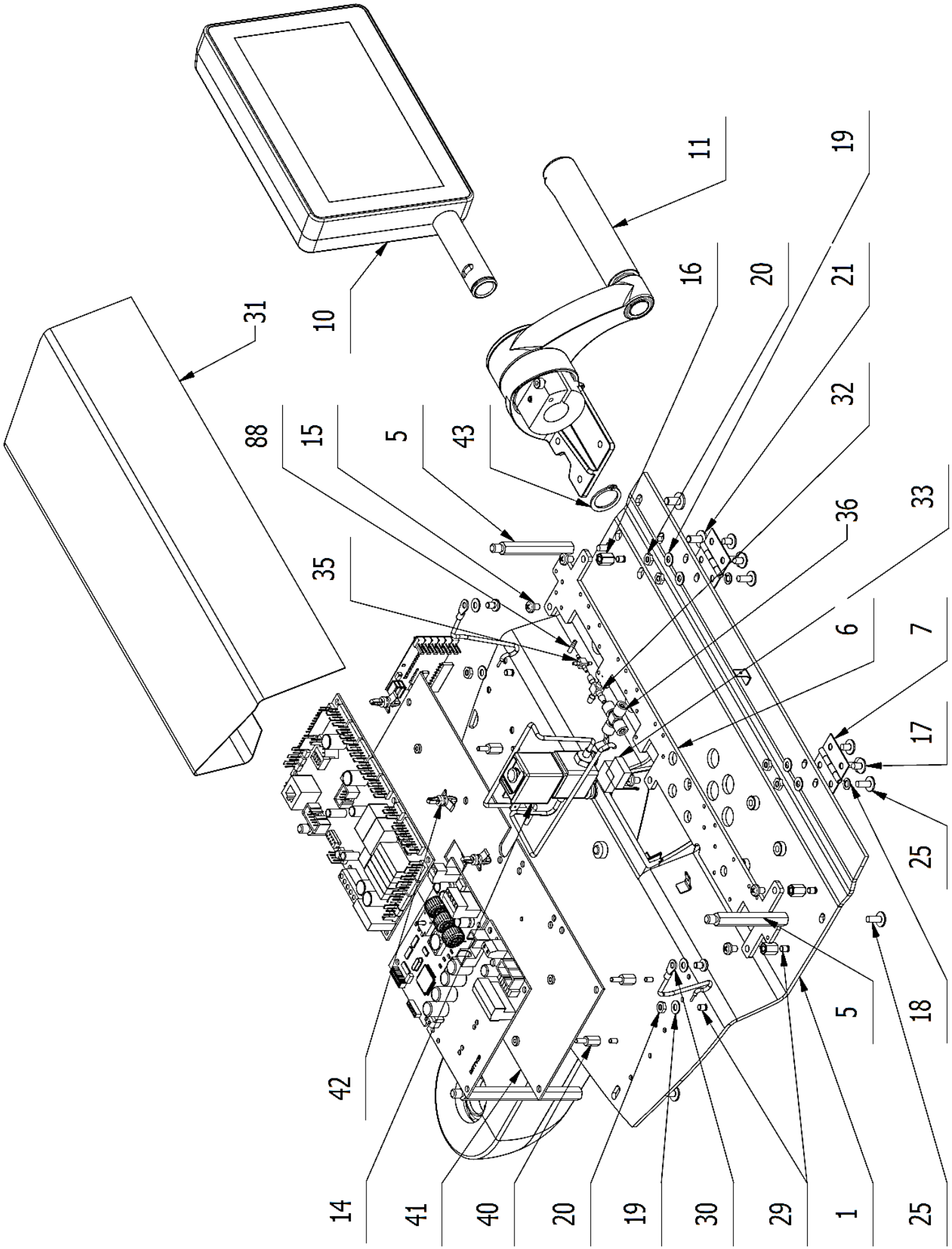


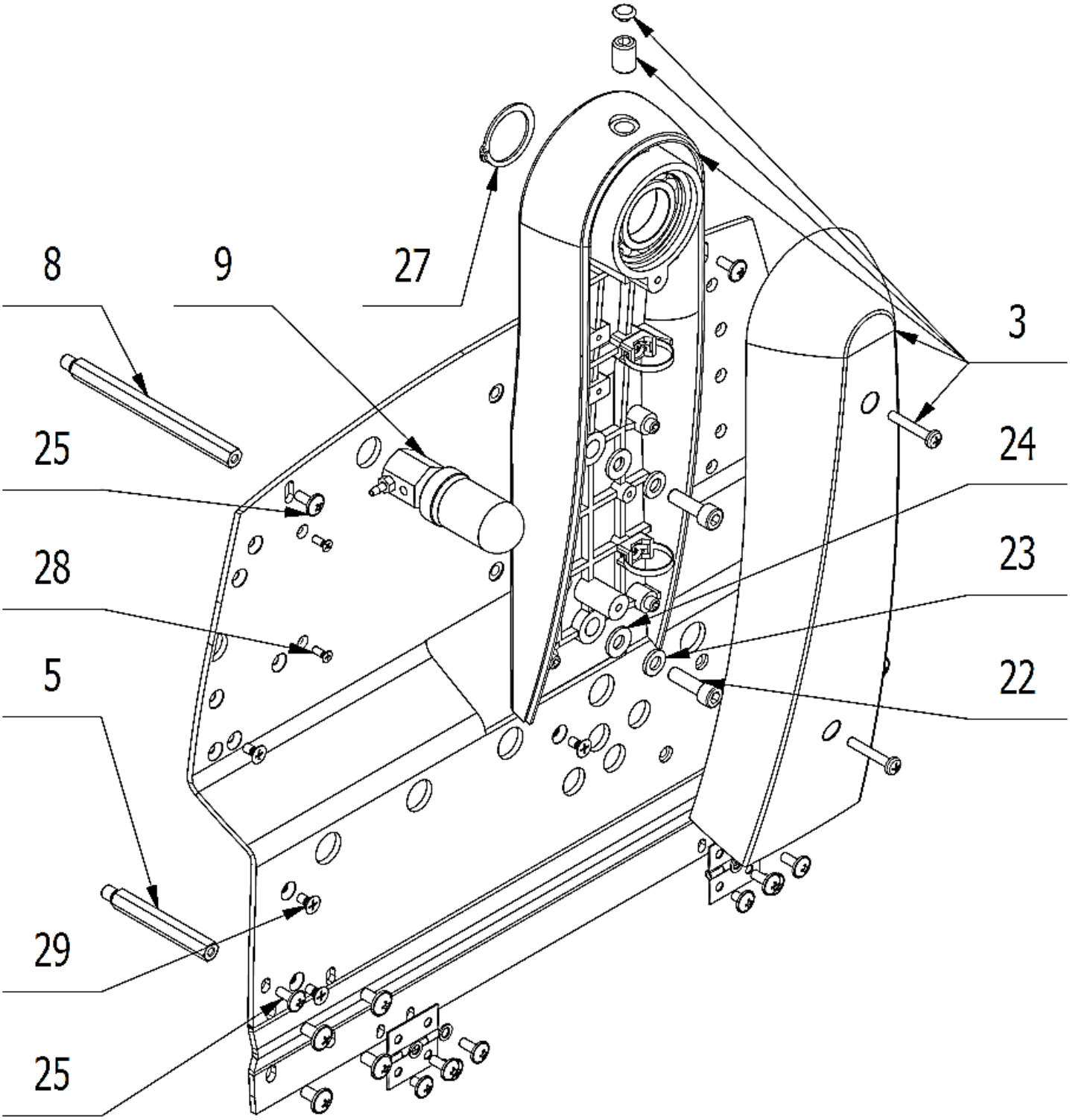
Pos.	Item no.	Product name	Unit	Quantity
001	V629.31-01-00	PERISTALTIC PUMP ASSEMBLY	PC	1.00
002	ME309251.107	THREADED FASTENER, M 4X16, DECORATIVE	PC	2.00
003	ME311180.015	NUT, M 4	PC	2.00
004	ME311214.033	WASHER, P 4.3	PC	2.00
901	ME374000.373	PD_3 MODULE	PC	1.00
902	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	2.00
903	ME374060.010	HOUSING, NSG 25-2	PC	1.00
904	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	2.00
906	ME397900.012	CABLE TIE, F 0301 CV-094	PC	3.00

E3 – DA380 CONTROL PANEL (Bottom hose routing)

E3.1 – DA380 - V636.28-00-00 K-001




31
10
11
19
16
20
21
88
15
5
43
32
35
36
33
6
7
17
25
42
14
41
40
20
19
30
29
1
5
18
25

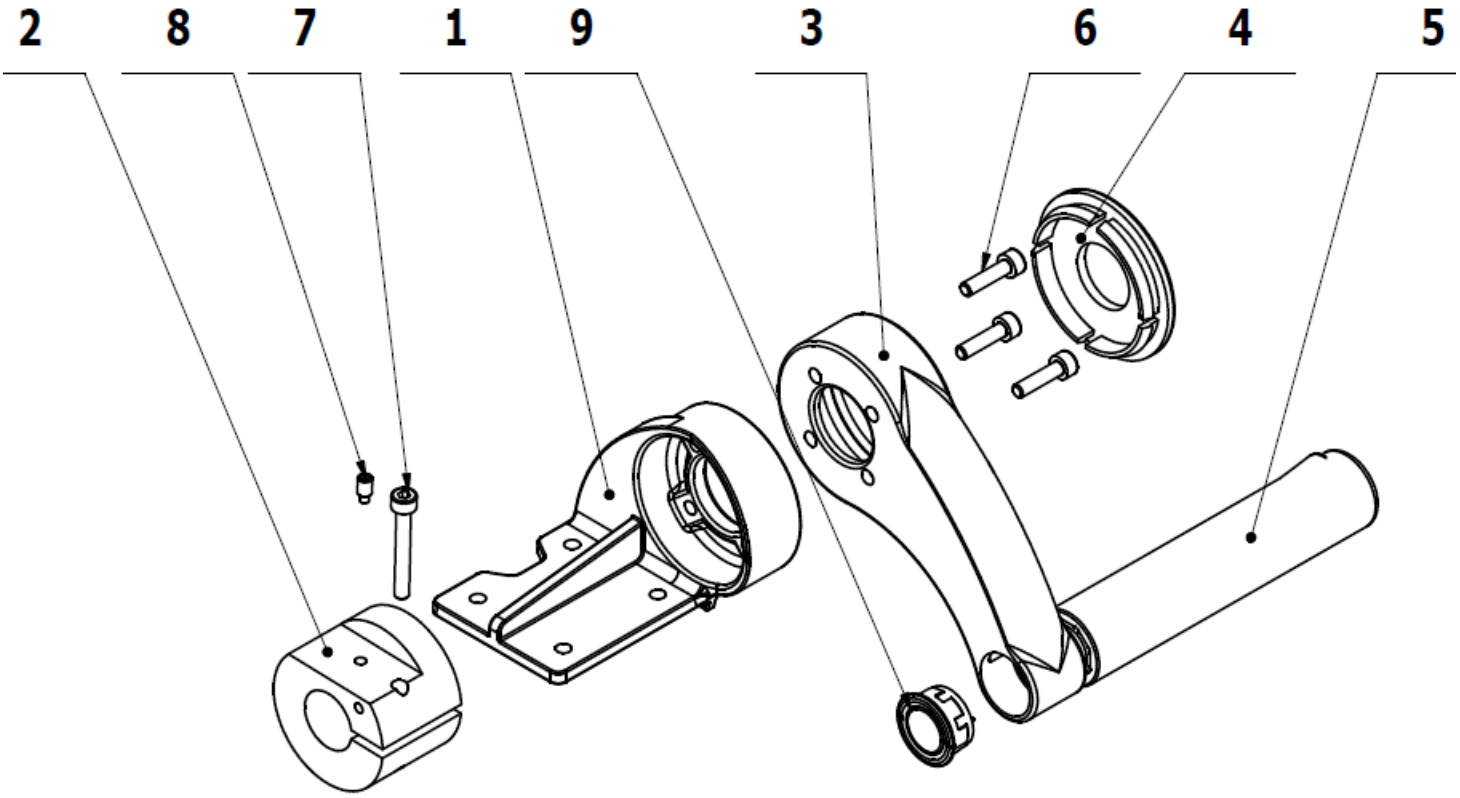


Pos.	Item no.	Product name	Unit	Quantity
001	V620.28-01-00	DENTIST'S TABLE II - FRAME ASSEMBLY / WHT1	PC	1.00
002	V636.28-02-00	DENTIST'S TABLE II -COVER / DENTIST'S TABLE II -COVER	PC	1.00
003	V618.28-06-00	HOLDER, ASSEMBLY	PC	1.00
004	**V620.29-00-00.3**	**EXTENDED TRAY TABLE / WHT1**	**PC**	**OPTION**
004	**V620.29-00-00.1**	**TRAY TABLE – CART / WHT1**	**PC**	**OPTION**
004	**V620.29-00-00.2**	**TRAY TABLE 2 – CART / WHT1**	**PC**	**OPTION**
005	V620.28-00-12	EXTENSION L=56 mm	PC	2.00
006	V618.28-00-13	PLATE FOR VALVES	PC	1.00

007	V615.28-00-07	MODIFIED HINGE	PC	2.00
008	V618.28-00-15	EXTENSION L=95 mm	PC	2.00
009>>	V622.28-69-00	TANK, COMPLETE	PC	1.00
010>>	V636.28-10-00	EXTERNAL CAPACITATIVE SCREEN	PC	1.00
011>>	V636.28-18-00	DENTIST'S CONTROL PANEL CONTROL HANDLE	PC	1.00
012	V620.29-00-00.7	EXTENDED TRAY TABLE ACCESSORY	PC	**OPTION**
014>>	V620.28-22-00	ACCESSORY PROPORTIONAL WATER VALVE, ASCO	PC	1.00
015	ME309255.073	THREADED FASTENER, M 4X6	PC	7.00
016	ME371418.025	SPACER POST, METAL DI7 M4x10	PC	5.00
017	ME309251.114	THREADED FASTENER, M 4X6, DECORATIVE	PC	4.00
018	ME311214.025	WASHER, P 4	PC	4.00
019	ME311210.028	WASHER, P 4.3	PC	8.00
020	ME311180.015	NUT, M 4	PC	6.00
021	ME309251.092	THREADED FASTENER, M 5X10, DECORATIVE	PC	4.00
022	ME309543.122	THREADED FASTENER, M 6X20	PC	2.00
023	ME311210.027	WASHER, P 6.4	PC	2.00
024	ME311218.001	WASHER, P 6, BULGING	PC	2.00
025	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	8.00
027	ME311733.011	LOCK RING P 25	PC	1.00
028	ME309251.078	THREADED FASTENER, M 3X8	PC	4.00
029	ME309543.070	THREADED FASTENER, M 4X8	PC	7.00
030	V620.28-30-00	CLAMP	PC	2.00
031	V618.28-00-50	COVER FOIL FOR EL. TABLE	PC	1.00
032	ME336401.032	ADAPTER 4PX230-1	PC	2.00
033	V618.28-00-56	GASKET	PC	2.00
035	ME336401.002	ADAPTER 4PX210-1	PC	1.00
036	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.03
040	ME371418.016	PLASTIC SPACER POST M3x10	PC	4.00
041	V635.28-60-00	ELECTRONICS BASE PLATE, COMPLETE	PC	1.00
042	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	6.00
043	ME311733.007	LOCK RING P 18	PC	1.00
088	V600.8-00-88	PLUG, P2 - 5	PC	1.00
901	ME374000.399	MB_LUX14 MODULE 2.X	PC	1.00
903	ME341419.024	STRIPED WIRE, 51 mm	PC	1.00
904	ME374010.066	CABLE DP-MB_LUX	PC	1.00
905	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	3.00
906	ME397900.012	CABLE TIE, F 0301 CV-094	PC	15.00
907	ME345711.034	CLAMP, F0505 HC 101	PC	4.00
910	ME205292.009	FERRITE FS-2	PC	1.00
911	V629.28-90-01	WIRE, GNYE	PC	1.00
912	V630.30-90-01	WIRE, GNYE	PC	1.00
913	ME374000.407	MODULE, RCD-24-0 - 50	PC	1.00

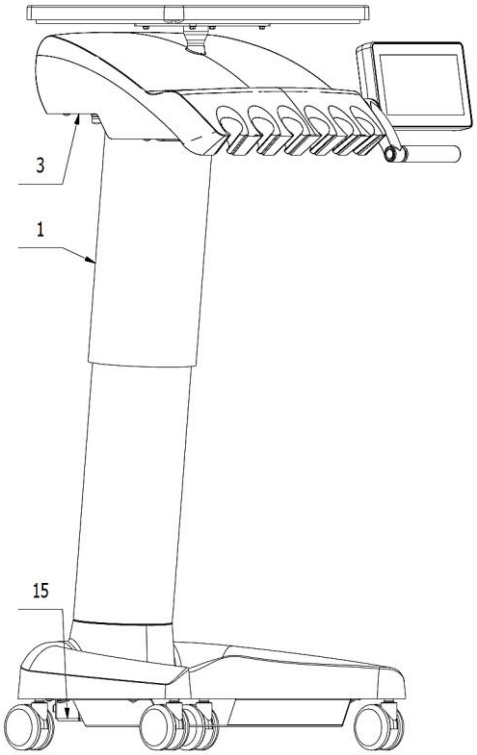
>> DENTIST'S CONTROL PANEL CONTROL HANDLE - V636.28-18-00

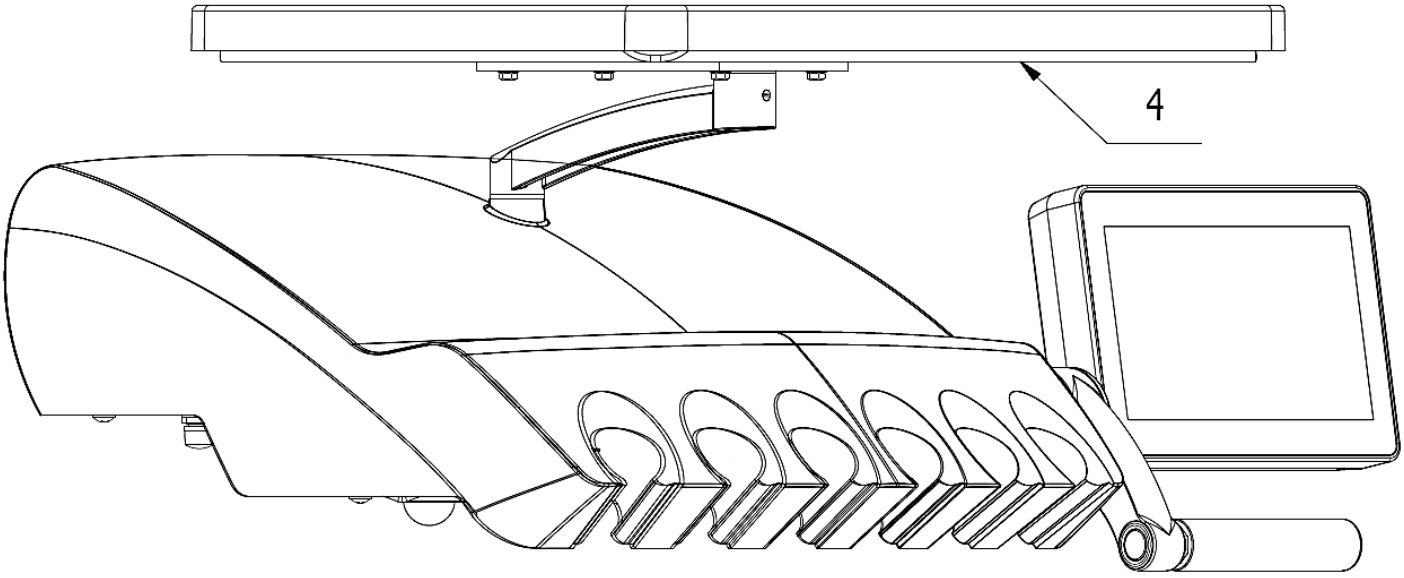
(contains pneumatic brake button)

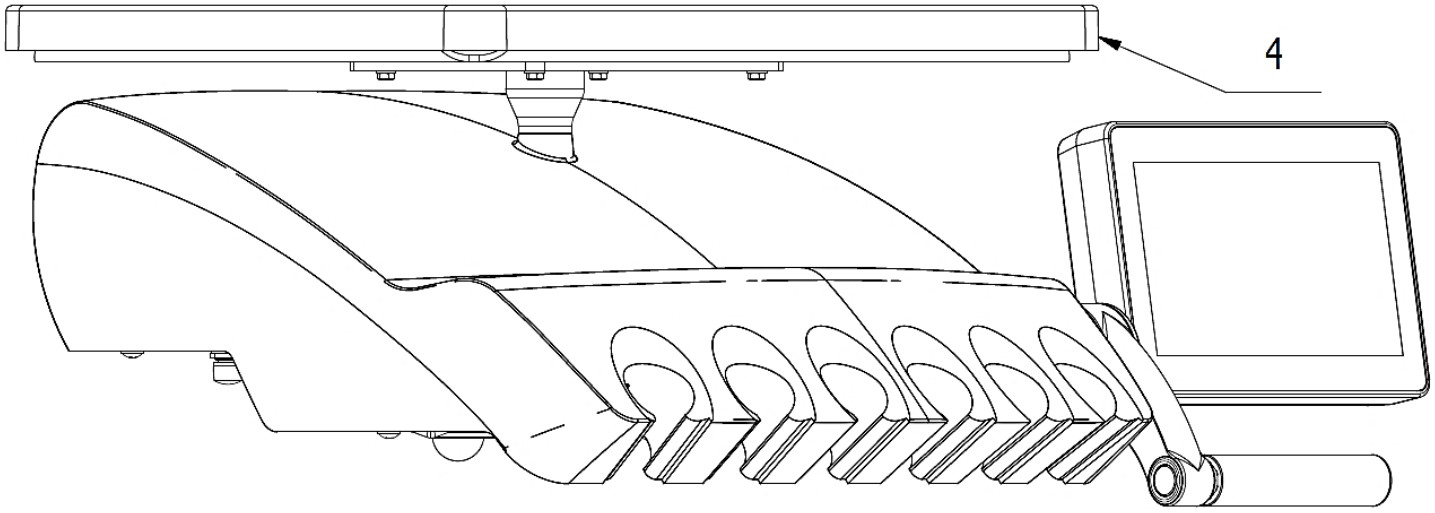


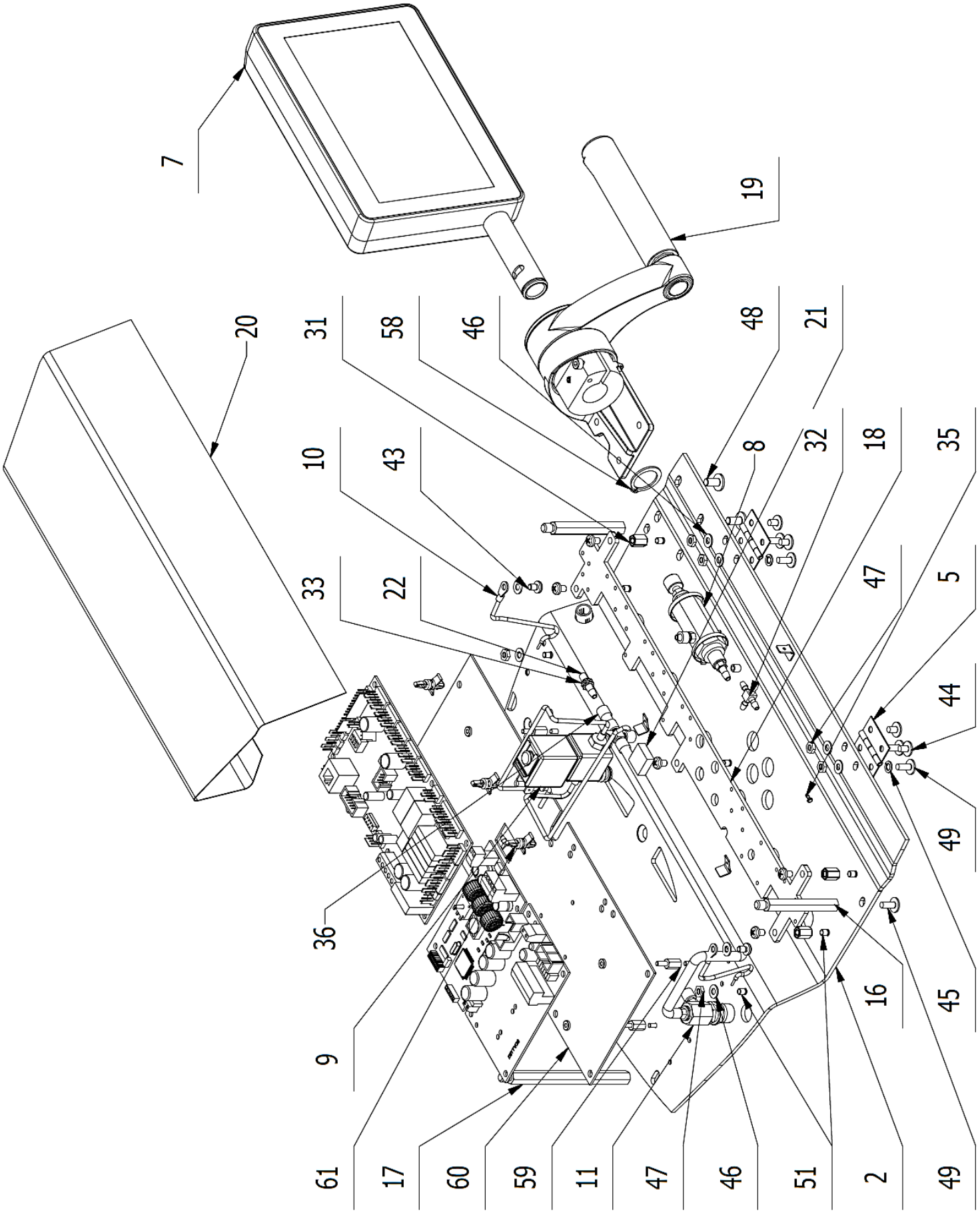
Pos.	Item no.	Product name	Unit	Quantity
001	V620.28-00-17.1	DISPLAY HOLDER RIGHT	PC	1,00
002	V635.28-18-02	DISPLAY HOLDER	PC	1,00
003	V635.28-18-03	DENTIST'S HANDLE RIGHT	PC	1,00
004	V635.28-18-04	HANDLE CAP	PC	1,00
005	ME321822.079	GAITER OF THE HANDLE RP71791/60U WHITE	PC	1,00
006	ME309543.129	THREADED FASTENER M 4X16	PC	3,00
007	ME309543.091	THREADED FASTENER M 4X30	PC	1,00
008	ME309287.025	THREADED FASTENER M 4X8	PC	1,00
009	ME345001.003	BUTTON ANTIVANDAL IP 65	PC	1,00
901	ME341419.001	CONDUCTOR LiY 0,25 BK - 4126001S	M	0,70
902	ME374000.146	FEMALE HEADER BL 1X36PZ	PC	0,06
904	ME243422.003	INSULATING TUBE SHRINKABLE P1,6 PURE	M	0,06

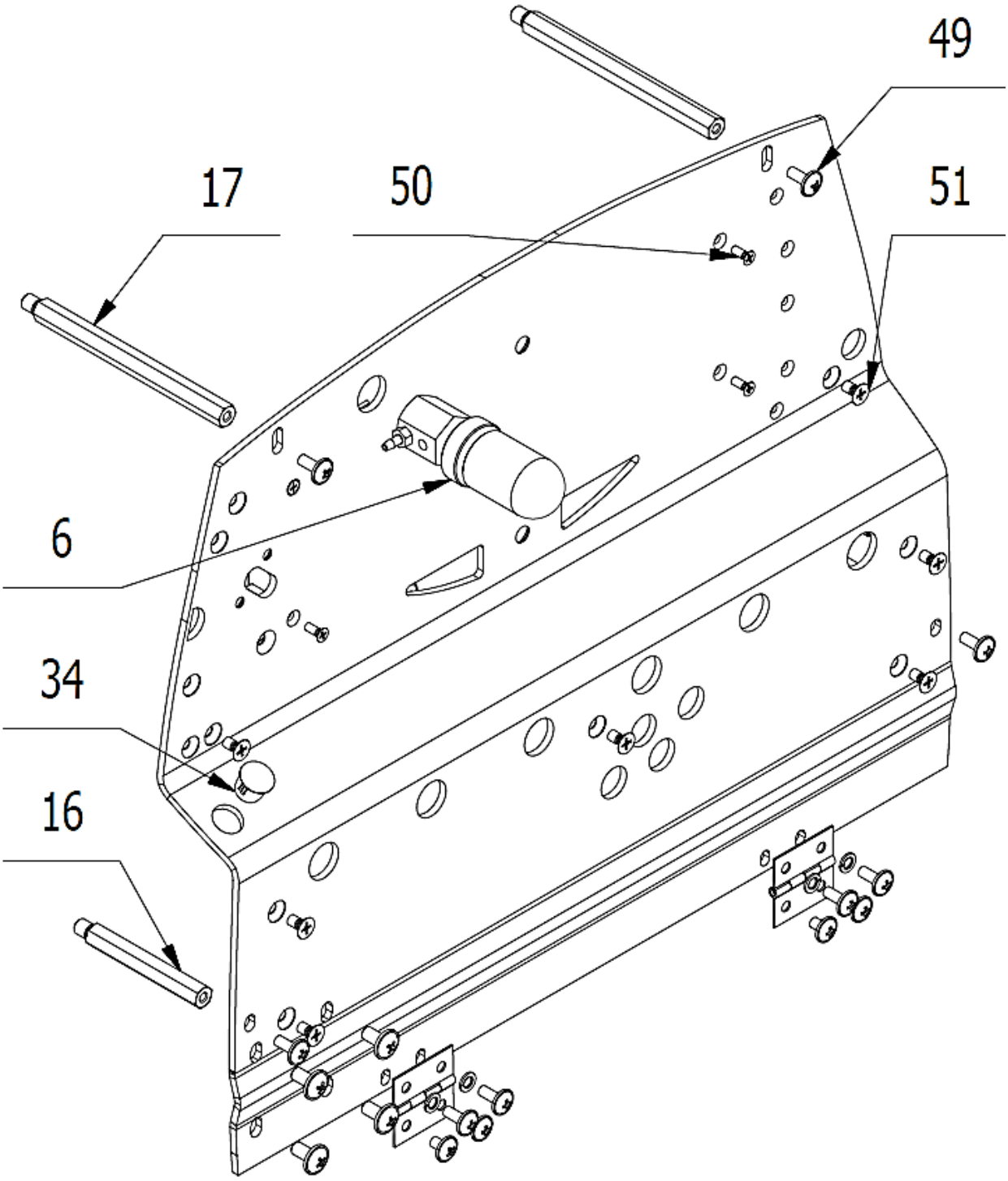
E3.2 – DA380 CART - V636.28-00-00.1








7
19
20
31
58
46
48
21
10
43
8
32
18
35
33
22
47
5
44
49
36
9
16
45
61
17
60
59
11
47
46
51
2
49

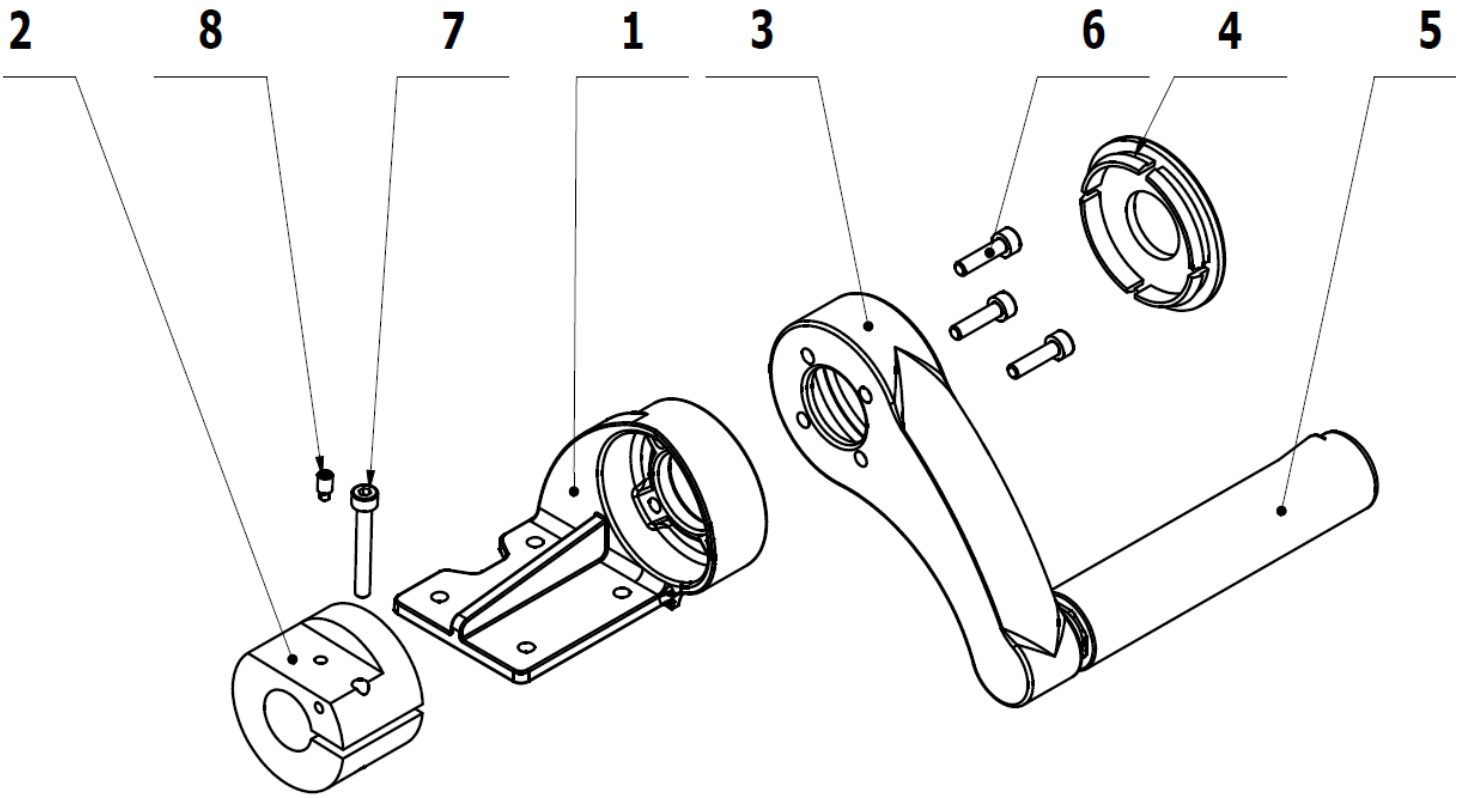


Pos.	Item no.	Product name	Unit	Quantity
001>>	V620.08-00-00	CART / WHT1	PC	1.00
002	V620.28-01-00.2	CART SKELETON - ASSEMBLY / WHT1	PC	1.00
003	V636.28-02-00	DENTIST'S TABLE II -COVER / DENTIST'S TABLE II -COVER	PC	1.00
004>>	**V620.29-00-00.2**	**TRAY TABLE 2 – CART**	**PC**	**OPTION**
004>>	**V620.29-00-00.1**	**TRAY TABLE – CART**	**PC**	**OPTION**
005	V615.28-00-07	MODIFIED HINGE	PC	2.00
006>>	V622.28-69-00	TANK, COMPLETE	PC	1.00
007>>	V636.28-10-00	EXTERNAL CAPACITATIVE SCREEN	PC	1.00
008	V620.09-00-00.1	AIR PRESSURE REGULATOR-SPRAY	PC	OPTION
009>>	V620.28-22-00	ACCESSORY PROPORTIONAL WATER VALVE, ASCO	PC	1.00
010	V620.28-30-00	CLAMP	PC	2.00

011	V620.28-11-00	AIR VALVE - ASSEMBLY	PC	1.00
015	V620.08-00-20	SOCKET HOLDER / WHT1	PC	1.00
016	V620.28-00-12	EXTENSION L=56 mm	PC	2.00
017	V618.28-00-15	EXTENSION L=95 mm	PC	2.00
018	V618.28-00-13	PLATE FOR VALVES	PC	1.00
019>>	V636.28-18-00.1	DENTIST'S CONTROL PANEL CONTROL HANDLE	PC	1.00
020	V618.28-00-50	COVER FOIL FOR EL. TABLE	PC	1.00
021	V618.28-00-56	GASKET	PC	1.00
022	V608.45-00-08	LOCK RING, 1	PC	2.00
031	ME371418.025	SPACER POST, METAL DI7 M4x10	PC	5.00
032	ME336401.032	ADAPTER 4PX230-1	PC	2.00
033	ME336401.024	ADAPTER N025/004-1	PC	1.00
034	ME321000.111	PLUG 11x13.5x10.3 - WHITE	PC	1.00
035	ME336401.035	PLUG, PIP 210-1	PC	1.00
036	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.01
043	ME309255.073	THREADED FASTENER, M 4X6	PC	9.00
044	ME309251.114	THREADED FASTENER, M 4X6, DECORATIVE	PC	4.00
045	ME311214.025	WASHER, P 4	PC	6.00
046	ME311210.028	WASHER, P 4.3	PC	8.00
047	ME311180.015	NUT, M 4	PC	6.00
048	ME309251.092	THREADED FASTENER, M 5X10, DECORATIVE	PC	4.00
049	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	8.00
050	ME309251.078	THREADED FASTENER, M 3X8	PC	6.00
051	ME309543.070	THREADED FASTENER, M 4X8	PC	7.00
058	ME311733.007	LOCK RING P 18	PC	1.00
059	ME371418.016	PLASTIC SPACER POST M3x10	PC	4.00
060	V635.28-60-00	ELECTRONICS BASE PLATE, COMPLETE	PC	1.00
061	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	6.00
901	ME374000.399	MB_LUX14 MODULE 2.X	PC	1.00
902	ME374000.326	USB-ASSEMBLY_LUX	PC	
903	ME341419.024	STRIPED WIRE, 51 mm	PC	1.00
904	ME374010.066	CABLE DP-MB_LUX	PC	1.00
905	ME397900.012	CABLE TIE, F 0301 CV-094	PC	15.00
906	ME345711.034	CLAMP, F0505 HC 101	PC	4.00
907	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	6.00
910	V629.28-90-10.1	WIRES, GNYE - ASSEMBLY	PC	1.00
913	ME374000.407	MODULE, RCD-24-0 - 50	PC	1.00
915	ME205292.009	FERRITE FS-2	PC	1.00
916	V629.28-90-01	WIRE, GNYE	PC	1.00
917	V630.30-90-01	WIRE, GNYE	PC	1.00

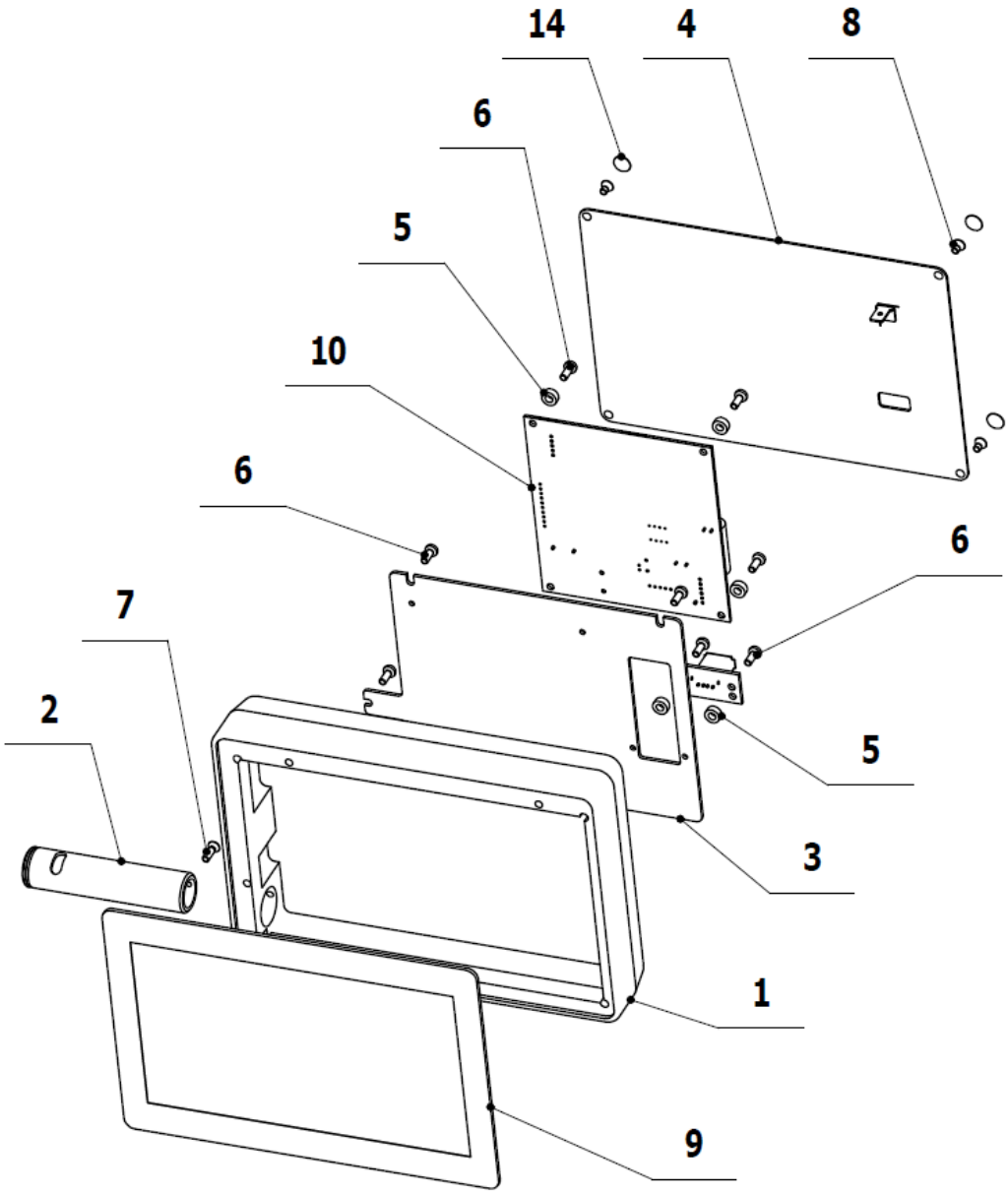
>> DENTIST'S CONTROL PANEL CONTROL HANDLE - V636.28-18-00.1

(without pneumatic brake button)



Pos.	Item no.	Product name	Unit	Quantity
001	V620.28-00-17.1	DISPLAY HOLDER, RIGHT	PC	1,00
002	V635.28-18-02	DISPLAY HOLDER	PC	1,00
003	V618.28-18-03.4	CART DENTIST'S HANDLE, RIGHT	PC	1,00
004	V635.28-18-04	HANDLE BLIND COVER	PC	1,00
005	ME321822.079	HANDLE SLEEVE, RP 71991/60U white	PC	1,00
006	ME309543.129	THREADED FASTENER M 4X16	PC	3,00
007	ME309543.091	THREADED FASTENER M 4X30	PC	1,00
008	ME309287.025	THREADED FASTENER M 4X8	PC	1,00

>>EXTERNAL CAPACITIVE DISPLAY - V636.28-10-00



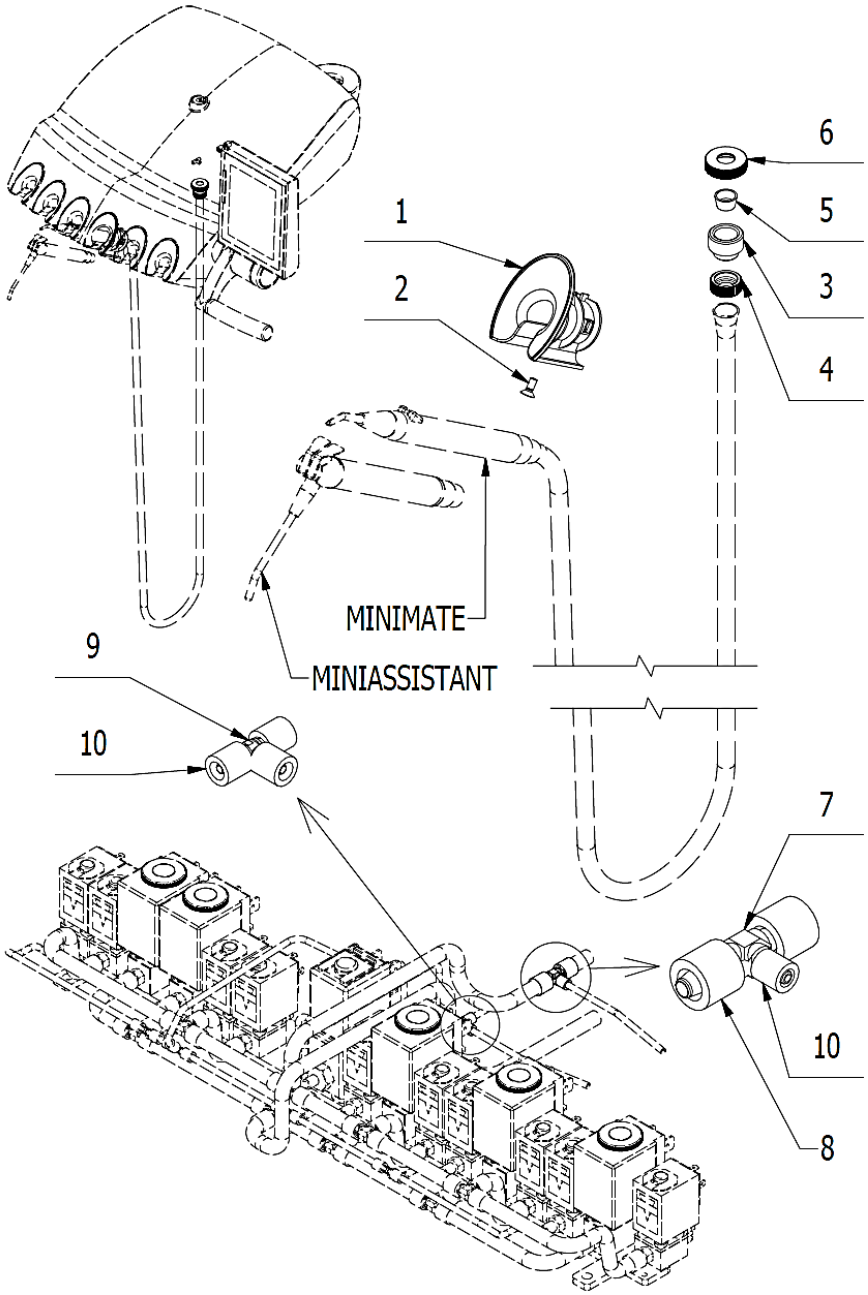
Pos.	Item no.	Product name	Unit	Quantity
001	V636.28-10-01	DISPLAY FRAME / EXTERNAL DISPLAY	PC	1.00
002	V636.28-10-02	DISPLAY STUD	PC	1.00
003	V636.28-10-03	BOARD FOR DB LUX	PC	1.00
004	V636.28-11-00	REAR COVER, COMPLETE / WHT1	PC	1.00
005	ME371418.008	SPACER POST, KDR 03	PC	6.00
006	ME309255.036	THREADED FASTENER, M 3X8	PC	9.00
007	ME309251.094	THREADED FASTENER, M 3X10	PC	1.00
008	ME309543.109	THREADED FASTENER, M 3X5	PC	4.00
009	ME345571.057	CAPACITATIVE SCREEN	PC	1.00
010	ME374000.401	DP_LUX9 2.X MODULE	PC	1.00
011	ME374000.326	USB-ASSEMBLY_LUX	PC	1.00
014	ME735010.038	SELF-ADHESIVE BLANK	PC	4.00

E3.3 – DA380 - Control panel accessories

1 – Syringes

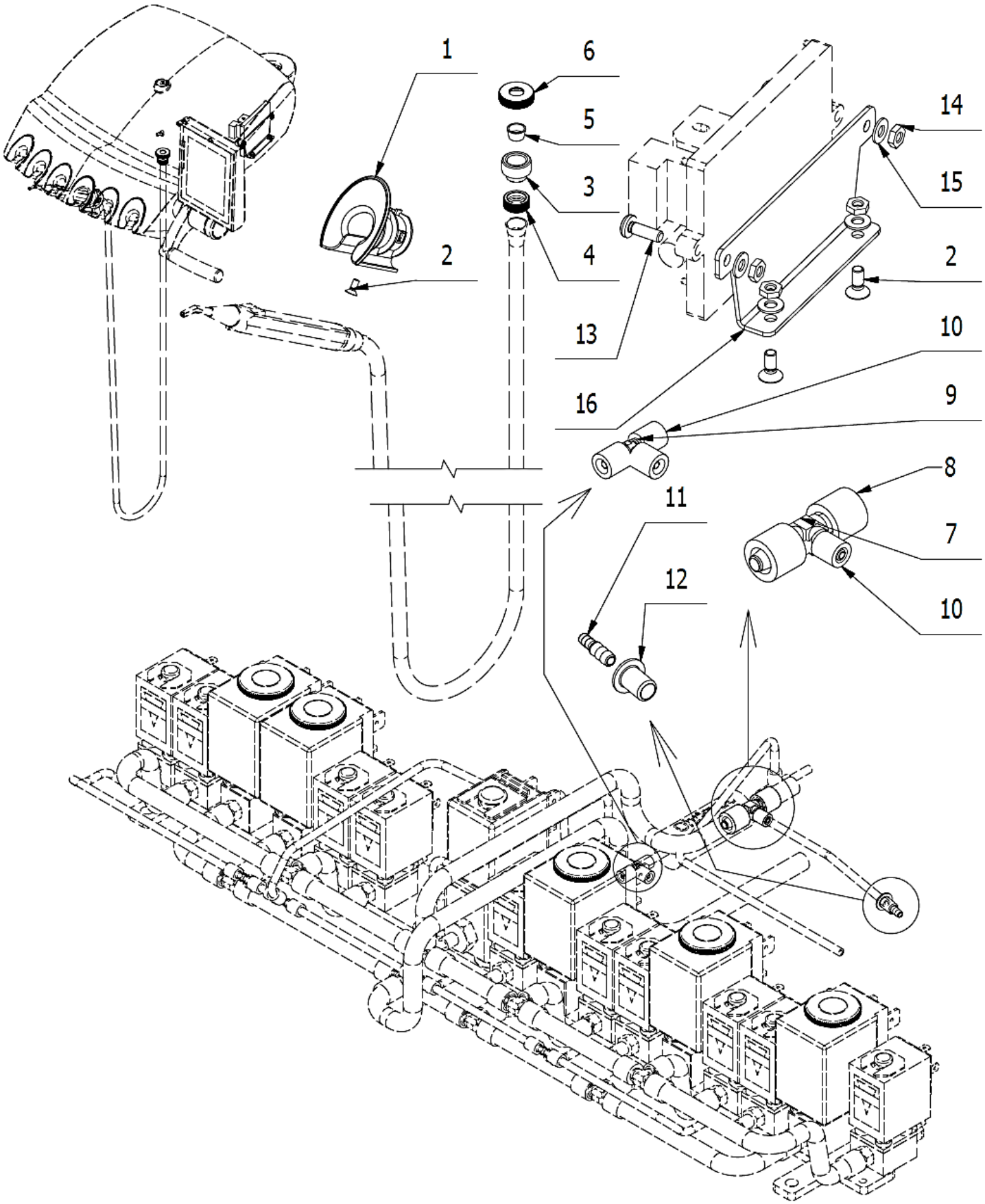
MINIMATE AND MINIASSISTANT ACCESSORY - V620.30-00-00

MINILIGHT 3F ACCESSORY - V620.31-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	**V620.32-01-01**	**MINIMATE HOLDER**	**PC**	**OPTION for V620.30-00-00**
001	**V620.31-01-01**	**MINILIGHT HOLDER**	**PC**	**OPTION for V620.31-00-00**
002	ME309251.066	THREADED FASTENER, M 4X10	PC	1.00
003	V602.50-00-03	THREADED FASTENER, 1	PC	1.00
004	V600.3-00-20	NUT, 2	PC	1.00
005	V602.50-00-04	INSERT, 1	PC	1.00
006	V600.3-00-23	NUT, 1	PC	1.00
007	ME336401.027	ADAPTER T230/210-1	PC	1.00
008	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.02
009	ME336401.015	ADAPTER T210-1	PC	1.00
010	V608.45-00-08	LOCK RING, 1	PC	5.00

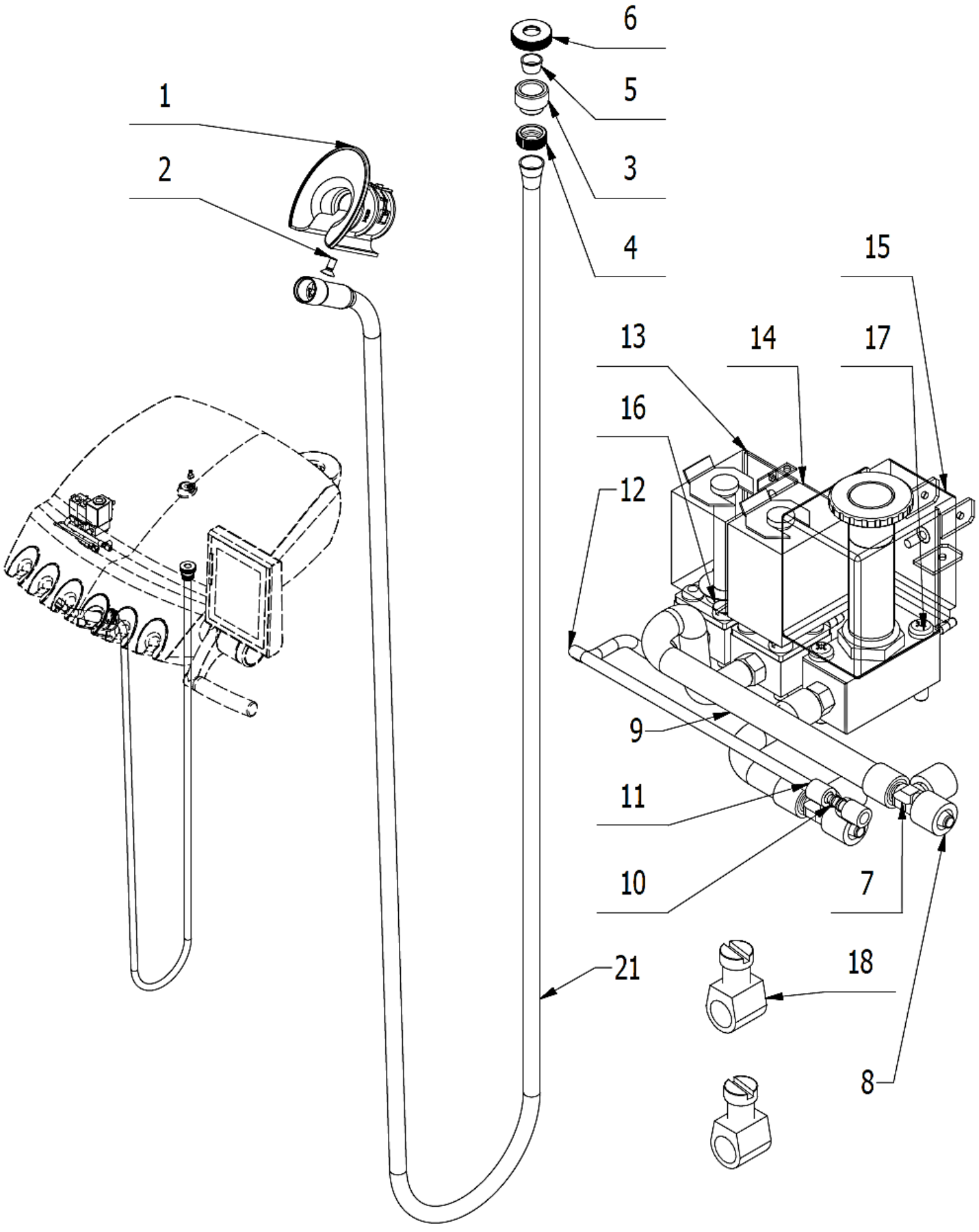
MINILIGHT 6F ACCESSORY - V620.32-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V620.31-01-01	MINILIGHT HOLDER/ WHT1	PC	1,00
002	ME309251.066	THREADED FASTENER, M 4X10	PC	3,00
003	V602.50-00-03	THREADED FASTENER, 1	PC	1,00
004	V600.3-00-20	NUT, 2	PC	1,00
005	V602.50-00-04	INSERT, 1	PC	1,00
006	V600.3-00-23	NUT, 1	PC	1,00
007	ME336401.027	ADAPTER T230/210-1	PC	1,00
008	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0,02
009	ME336401.015	ADAPTER T210-1	PC	1,00
010	V608.45-00-08	LOCK RING, 1	PC	5,00
011	V602.64-00-06	REDUCER, P2.5/P2	PC	1,00
012	ME548212.011	FERRULE, 4X6	PC	1,00
013	ME309543.072	THREADED FASTENER, M 4X12	PC	2,00
014	ME311180.015	NUT, M 4	PC	4,00
015	ME311210.028	WASHER, P 4.3	PC	4,00
016	V618.28-00-52	PLATE FOR MOUNTING PRINTED CIRCUIT BOARDS 1	PC	1,00

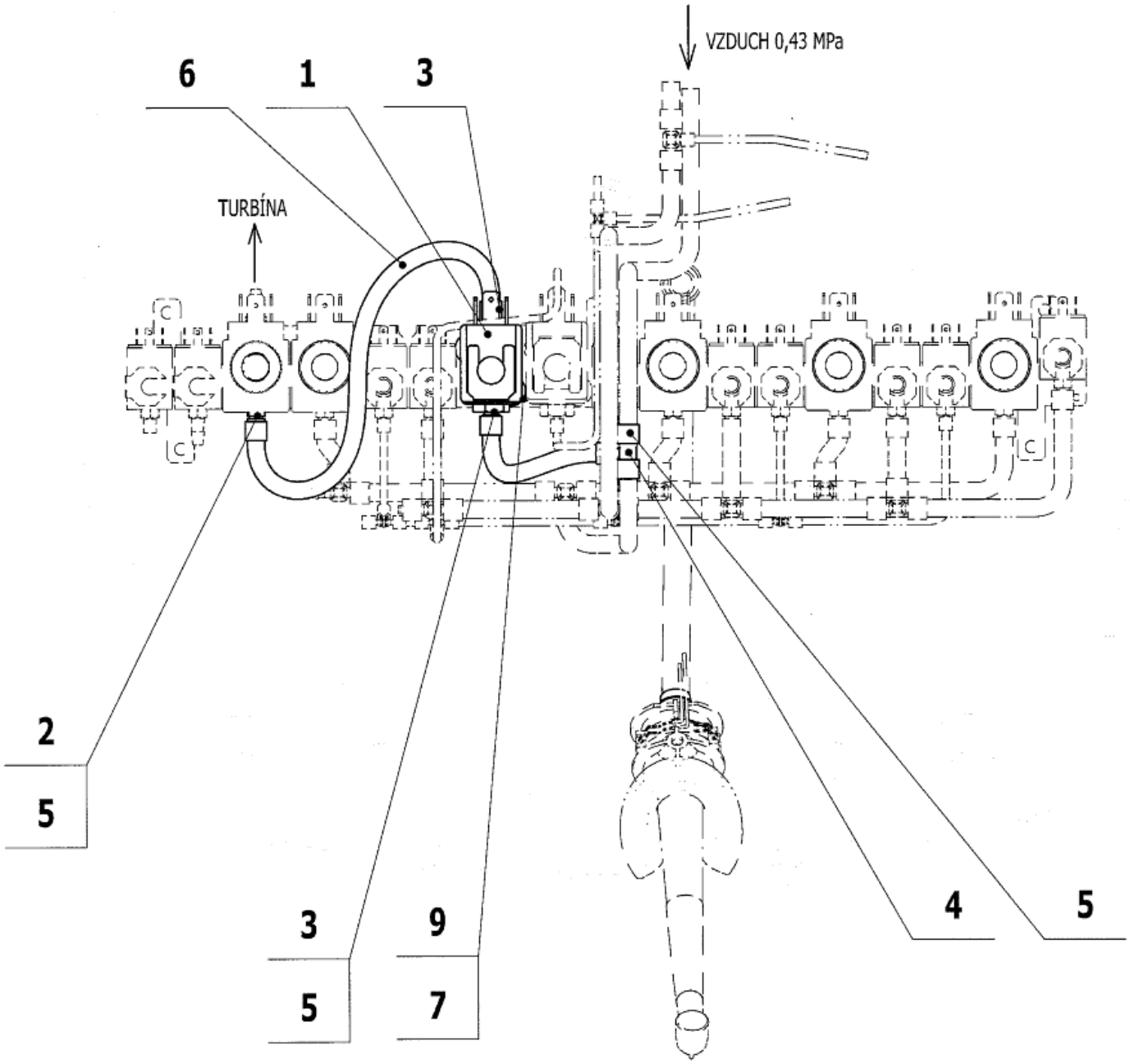
2 – Turbine instruments

MIDWEST S TURBINE AND LIGHT HOSE ACCESSORY - V620.35-00-00.1 K-002



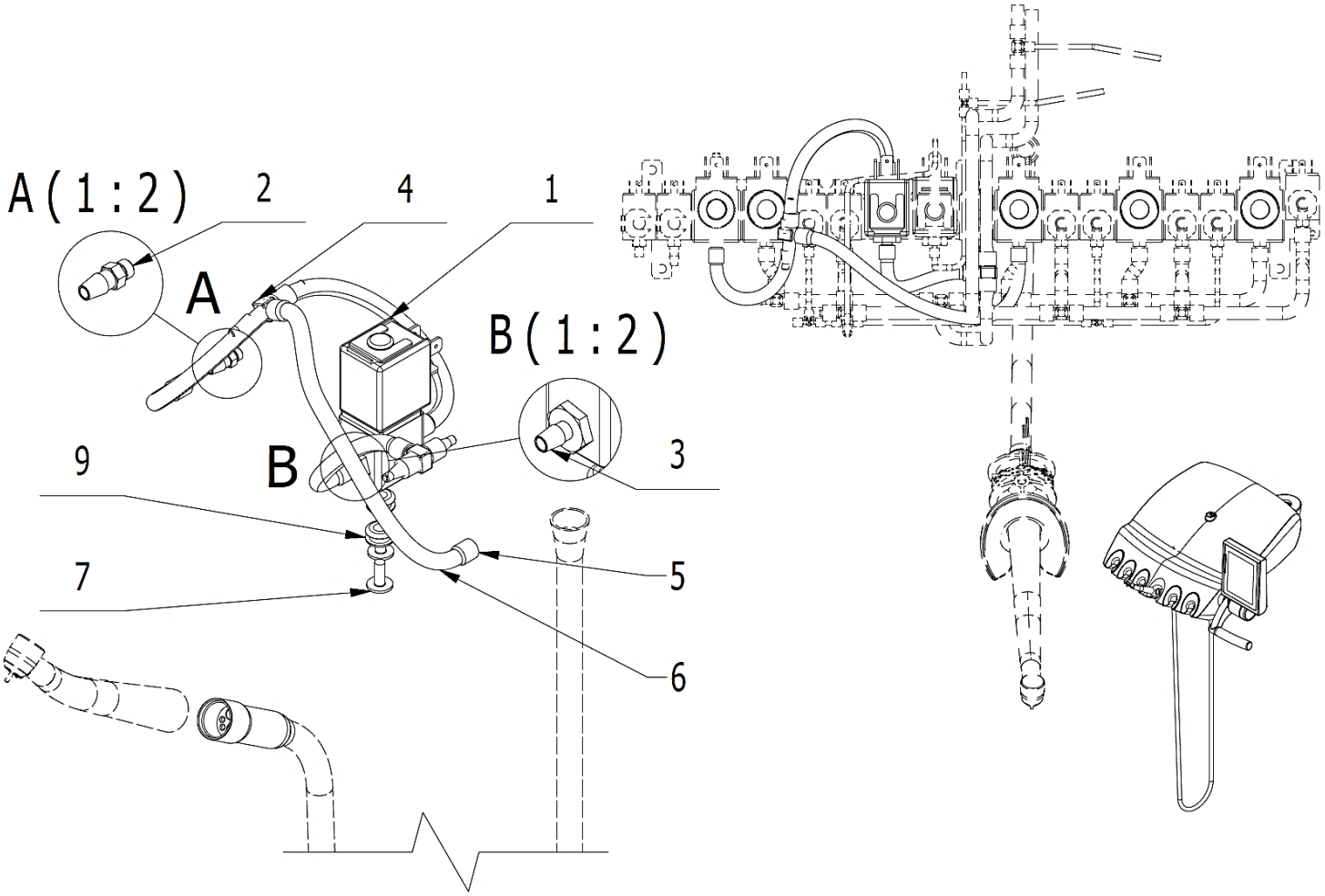
Pos.	Item no.	Product name	Unit	Quantity
001	V620.38-01-00	MC3 AND TURBINE HOLDER, COMPLETE / WHT1	PC	1.00
002	ME309251.066	THREADED FASTENER, M 4X10	PC	1.00
003	V602.50-00-03	THREADED FASTENER, 1	PC	1.00
004	V600.3-00-20	NUT, 2	PC	1.00
005	V602.50-00-04	INSERT, 1	PC	1.00
006	V600.3-00-23	NUT, 1	PC	1.00
007	ME336401.029	ADAPTER T230-1	PC	2.00
008	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.07
009	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.27
010	ME336401.015	ADAPTER T210-1	PC	1.00
011	V608.45-00-08	LOCK RING, 1	PC	6.00
012	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.22
013	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
014	V619.28-43-00	SOLENOID VALVE, SIRAI 1, COMPLETE	PC	1.00
015	V619.28-41-00	SOLENOID VALVE, JAKŠA, COMPLETE	PC	1.00
016	ME309231.019	THREADED FASTENER, M 3X14	PC	4.00
017	ME309255.077	THREADED FASTENER, M 3X18	PC	2.00
018	V629.28-00-03	RESTRICTOR, MODIFIED	PC	2.00
021	V702.00-00-00.2	MIDWEST HOSE, GREY, 1700	PC	1.00
901	V629.35-90-01	WIRES, YV - ASSEMBLY	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	3.00

ACCESSORY FOR TURBINE WITH REGULATION - V620.55-00-00 K-002



Pos.	Item no.	Product name	Unit	Quantity
001	ME551114.004	PROPORTIONAL VALVE, ASCO SCG202A207V	PC	1.00
002	V625.32-00-02	BUSHING, M5	PC	1.00
003	V625.32-00-03	ASCO BUSHING	PC	2.00
004	ME336401.011	ADAPTER T40-1	PC	1.00
005	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.03
006	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.50
007	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	2.00
009	ME273121.042	BUSHING, TYPE F2, 5X3	PC	2.00
901	ME374100.077	PROP. AIR VALVE WIRES	PC	1.00
902	ME374000.407	MODULE, RCD-24-0 - 50	PC	1.00
903	V400.01-01-40	LABEL, TEXT	PC	1.00

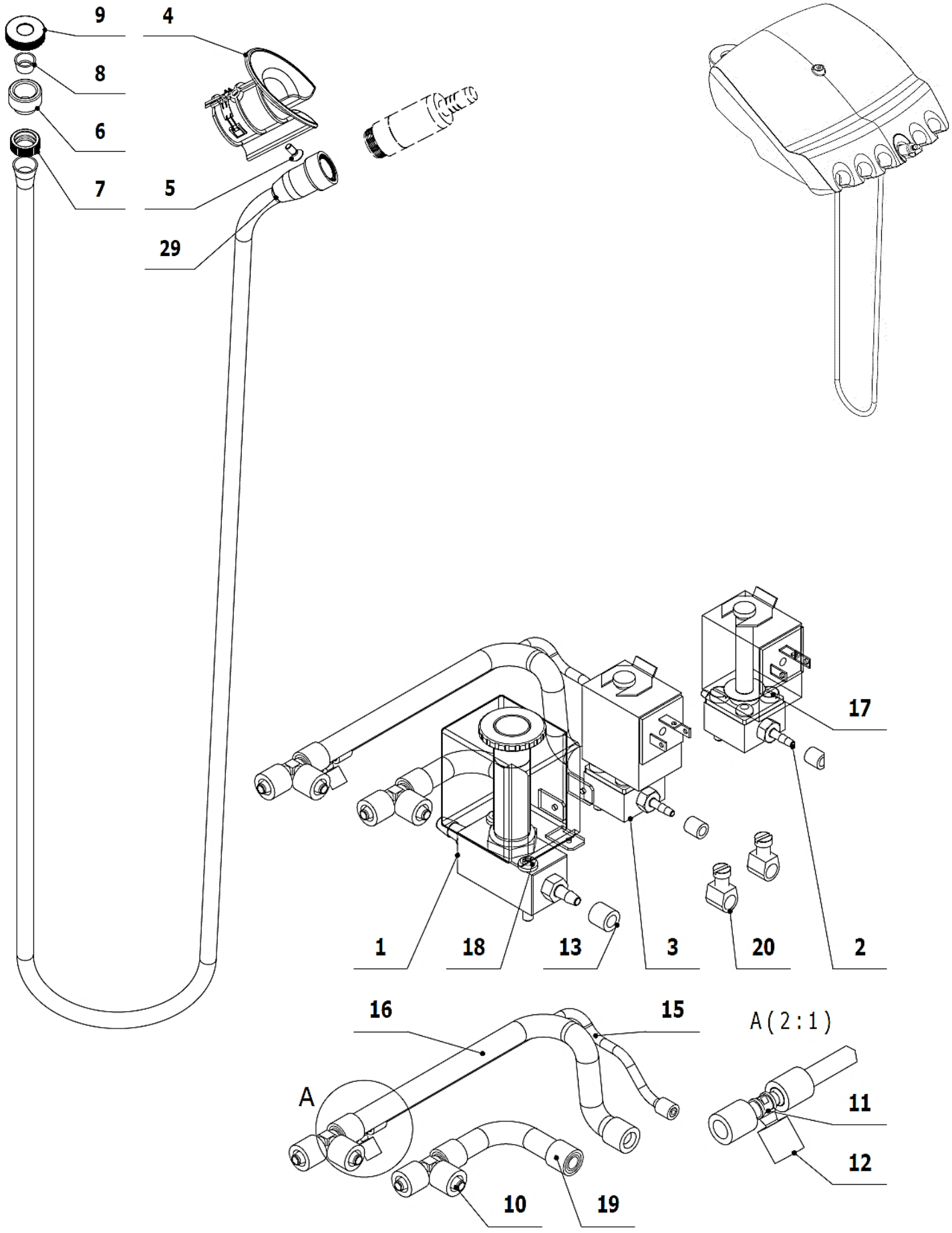
ACCESSORY FOR 2 TURBINES WITH REGULATION - V620.55-00-00 K-002



Pos.	Item no.	Product name	Unit	Quantity
001	ME551114.004	PROPORTIONAL VALVE, ASCO SCG202A207V	PC	1,00
002	V625.32-00-02	BUSHING, M5	PC	2,00
003	V625.32-00-03	ASCO BUSHING	PC	2,00
004	ME336401.011	ADAPTER T40-1	PC	2,00
005	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0,05
006	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0,83
007	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	2,00
009	ME273121.042	BUSHING, TYPE F2, 5X3	PC	2,00
901	ME374100.077	PROP. AIR VALVE WIRES	PC	1.00
902	ME374000.407	MODULE, RCD-24-0 - 50	PC	1,00
903	V400.01-01-40	LABEL, TEXT	PC	1,00

3 – Micro motors

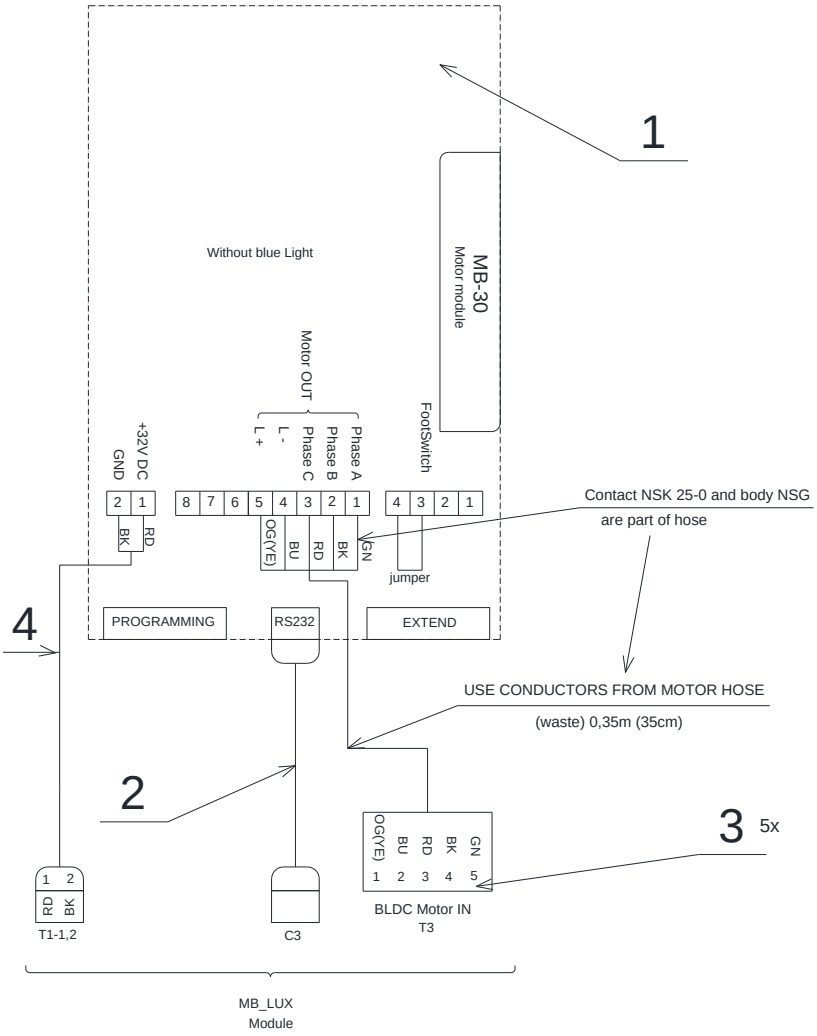
ACCESSORY FOR DX and DX BLUE MICRO MOTORS - V636.39-00-00

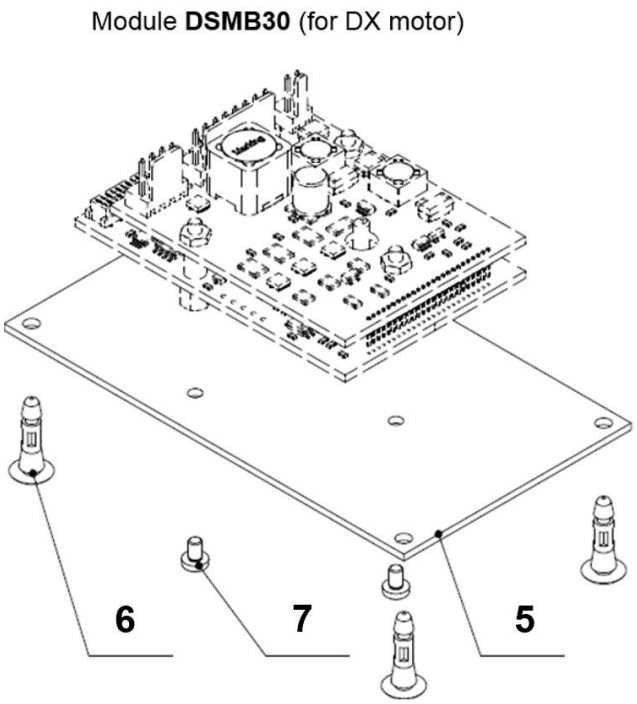


Pos.	Item no.	Product name	Unit	Quantity
001	V630.39-01-00	SOLENOID VALVE, JAKŠA, COMPLETE	PC	1.00
002	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
003	V619.28-43-00	SOLENOID VALVE, SIRAI 1, COMPLETE	PC	1.00
004	V620.35-01-00	MC2 AND ISOLITE HOLDER, COMPLETE / WHT1	PC	1.00
005	ME309251.066	THREADED FASTENER, M 4X10	PC	1.00
006	V602.50-00-03	THREADED FASTENER, 1	PC	1.00
007	V600.3-00-20	NUT, 2	PC	1.00
008	V602.50-00-04	INSERT, 1	PC	1.00
009	V600.3-00-23	NUT, 1	PC	1.00
010	ME336401.029	ADAPTER T230-1	PC	2.00
011	ME336401.015	ADAPTER T210-1	PC	1.00
012	V608.45-00-08	LOCK RING, 1	PC	6.00
013	V606.41-00-21	LOCKING RING	PC	1.00
015	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.01
016	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.02
017	ME309231.019	THREADED FASTENER, M 3X14	PC	4.00
018	ME309255.077	THREADED FASTENER, M 3X18	PC	2.00
019	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.07
020	V629.28-00-03	RESTRICTOR, MODIFIED	PC	2.00
029	DSHO35	HOSE, DX	PC	1.00
901	V629.35-90-01	WIRES, YV - ASSEMBLY	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	3.00
903	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00

DSMB30 MODULE ELECTRICAL CONNECTIONS FOR THE DX MOTOR - V629.28-90-32

(only necessary for the first DX motor)

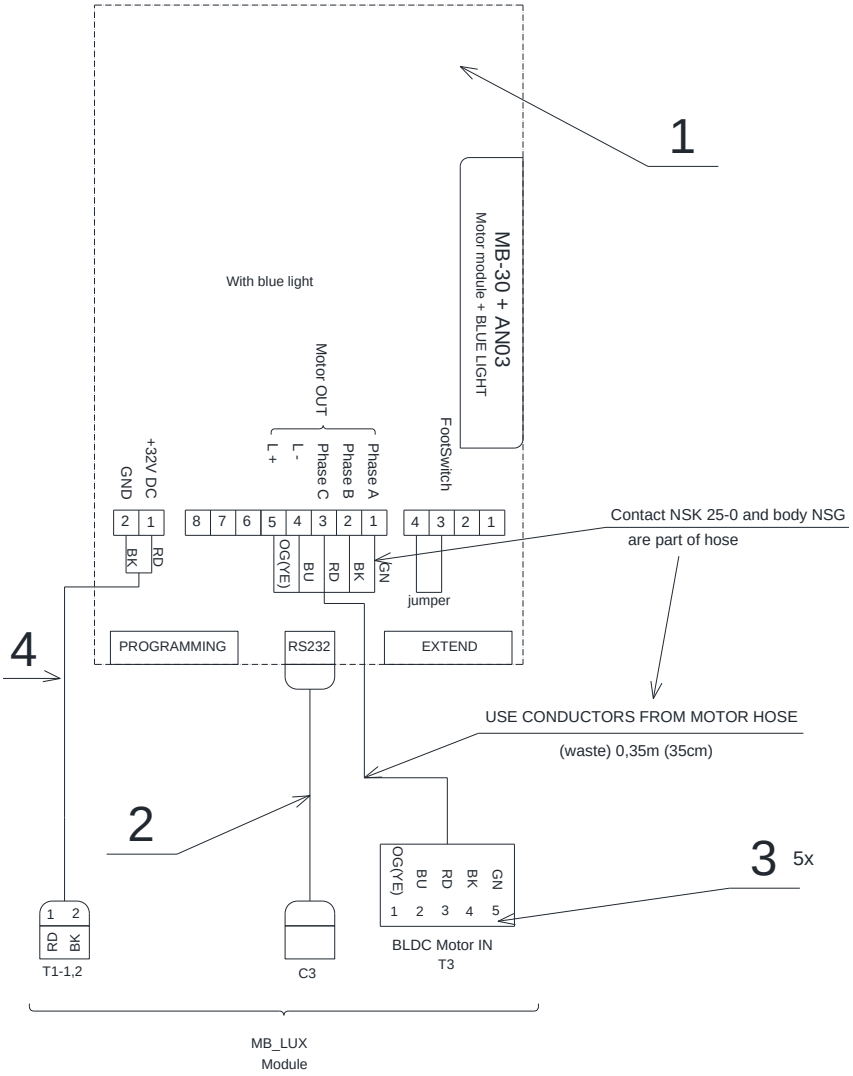




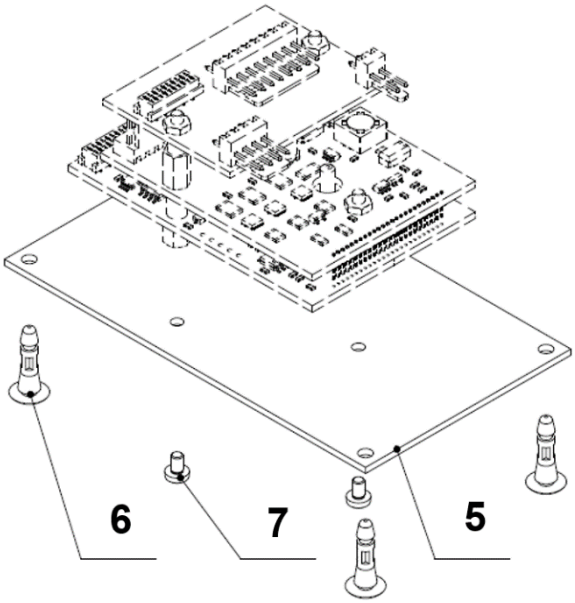
Pos.	Item no.	Product name	Unit	Quantity
001	DSMB30	DX MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00
005	V629.39-00-16	BOARD FOR THE DX	PC	1.00
006	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00
007	ME309255.106	THREADED FASTENER, M 2.5x4	PC	4.00

DSMB30 + AN03 MODULE ELECTRICAL CONNECTIONS FOR THE DX BLUE MOTOR - V629.28-90-32.1

(only necessary for the first DX BLUE motor)

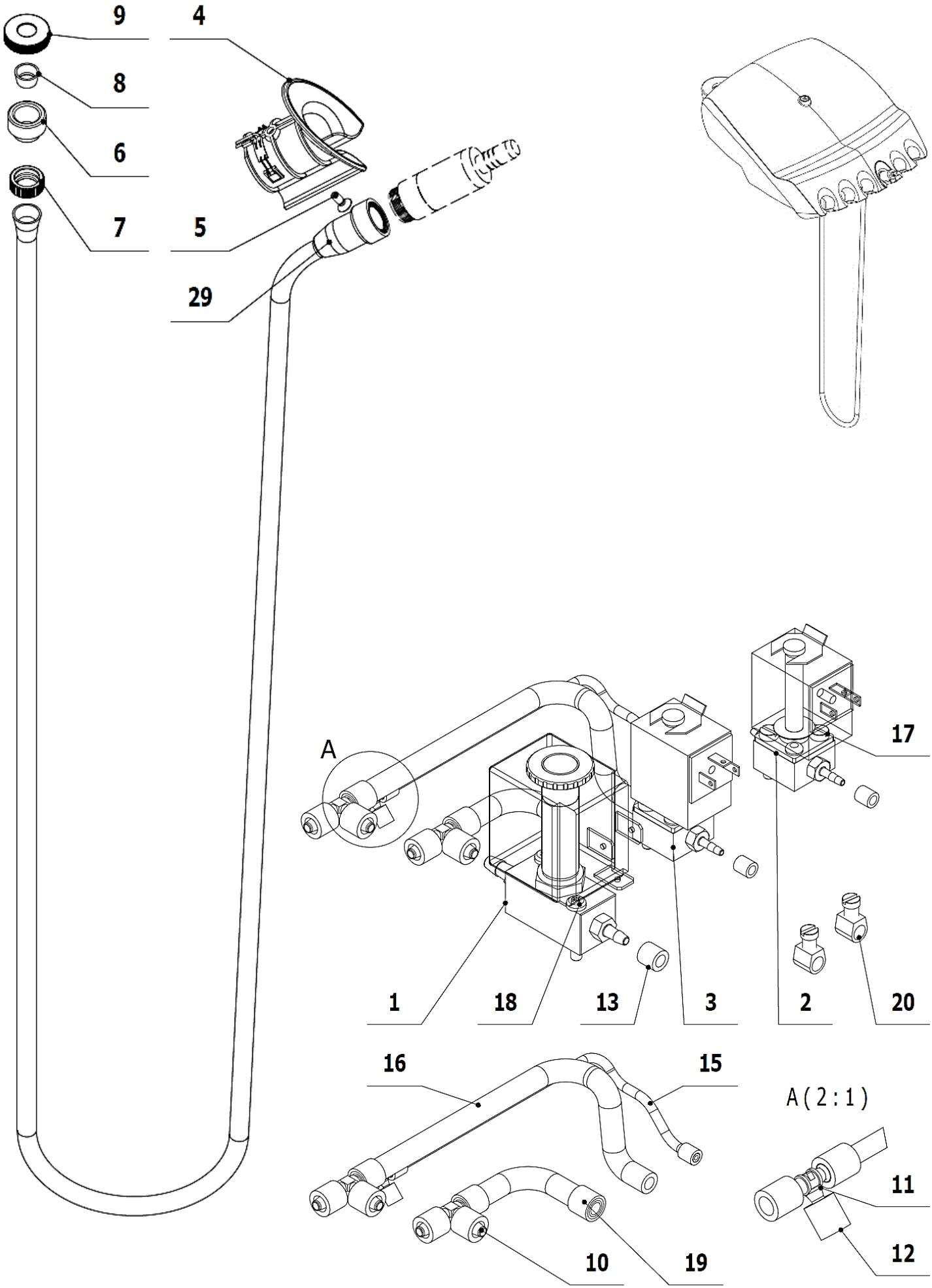


Module **DSMB30 BLUE** (for DX BLUE motor)



Pos.	Item no.	Product name	Unit	Quantity
001	DSMB30BLUE	DX BLUE MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00
005	V629.39-00-16	BOARD FOR THE DX	PC	1.00
006	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00
007	ME309255.106	THREADED FASTENER, M 2.5x4	PC	4.00

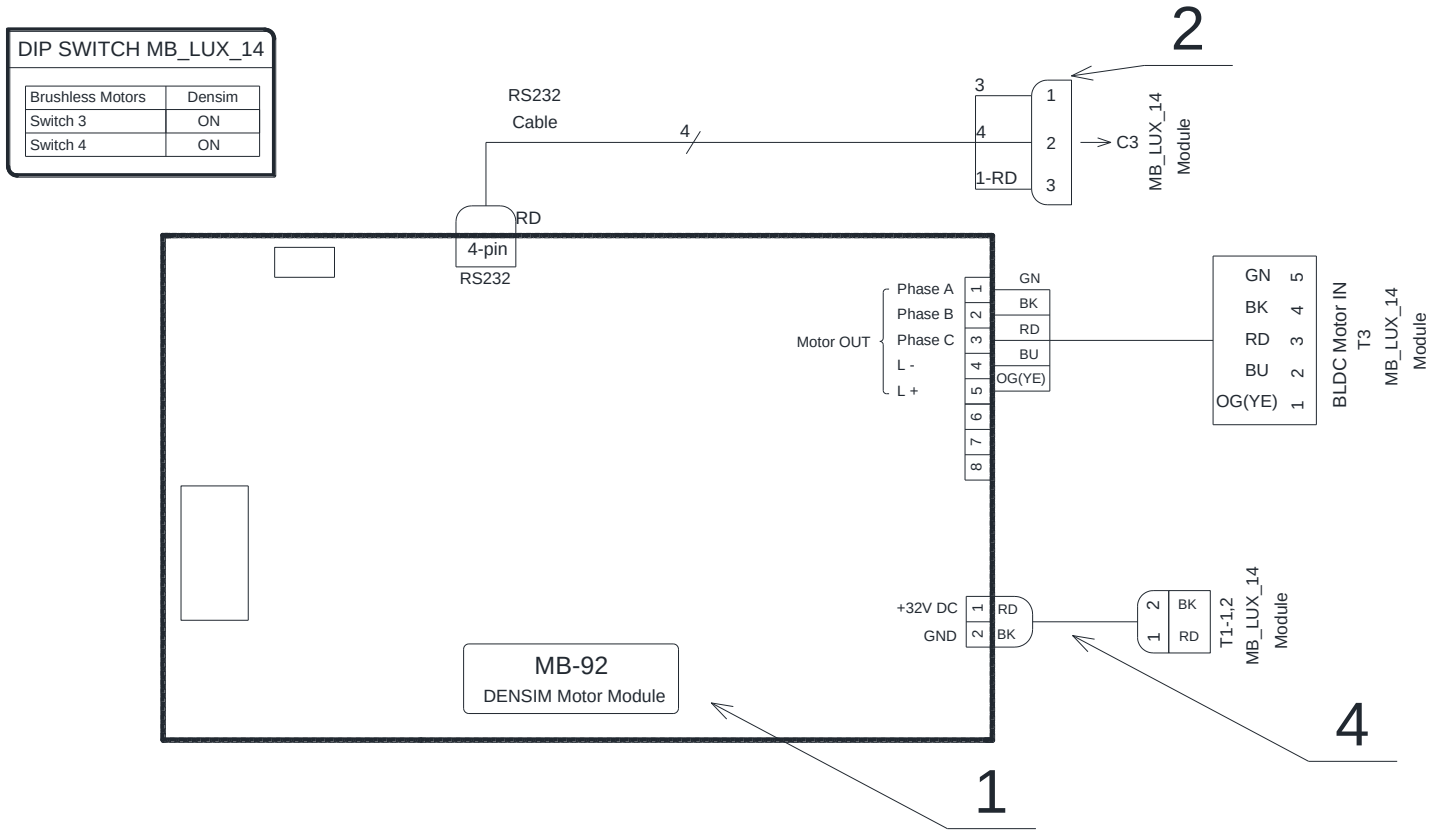
ACCESSORY FOR DX PRO and DX PRO BLUE MICRO MOTORS - V636.39-00-00.1



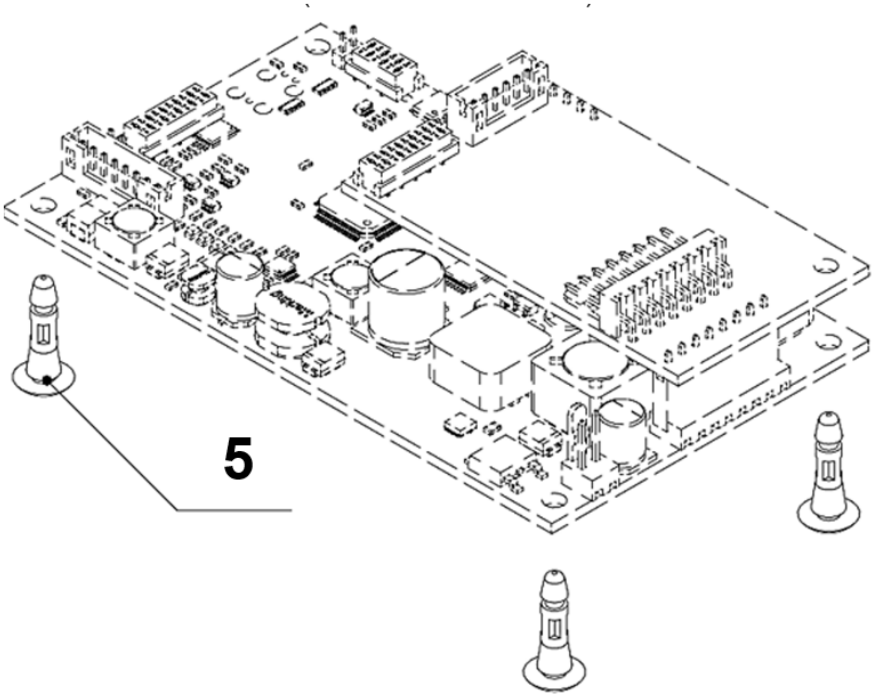
Pos.	Item no.	Product name	Unit	Quantity
001	V630.39-01-00	SOLENOID VALVE, JAKŠA, COMPLETE	PC	1.00
002	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
003	V619.28-43-00	SOLENOID VALVE, SIRAI 1, COMPLETE	PC	1.00
004	V620.35-01-00	MC2 AND ISOLITE HOLDER, COMPLETE / WHT1	PC	1.00
005	ME309251.066	THREADED FASTENER, M 4X10	PC	1.00
006	V602.50-00-03	THREADED FASTENER, 1	PC	1.00
007	V600.3-00-20	NUT, 2	PC	1.00
008	V602.50-00-04	INSERT, 1	PC	1.00
009	V600.3-00-23	NUT, 1	PC	1.00
010	ME336401.029	ADAPTER T230-1	PC	2.00
011	ME336401.015	ADAPTER T210-1	PC	1.00
012	V608.45-00-08	LOCK RING, 1	PC	6.00
013	V606.41-00-21	LOCKING RING	PC	1.00
015	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.01
016	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.02
017	ME309231.019	THREADED FASTENER, M 3X14	PC	4.00
018	ME309255.077	THREADED FASTENER, M 3X18	PC	2.00
019	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.07
020	V629.28-00-03	RESTRICTOR, MODIFIED	PC	2.00
029	DSHO35	HOSE, DX	PC	1.00
901	V629.35-90-01	WIRES, YV - ASSEMBLY	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	3.00
903	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00

MB92 MOTOR MODULE ELECTRICAL CONNECTIONS FOR DX PRO MOTORS - V629.28-90-32

(only necessary for the first DX PRO or DX SRG motor)



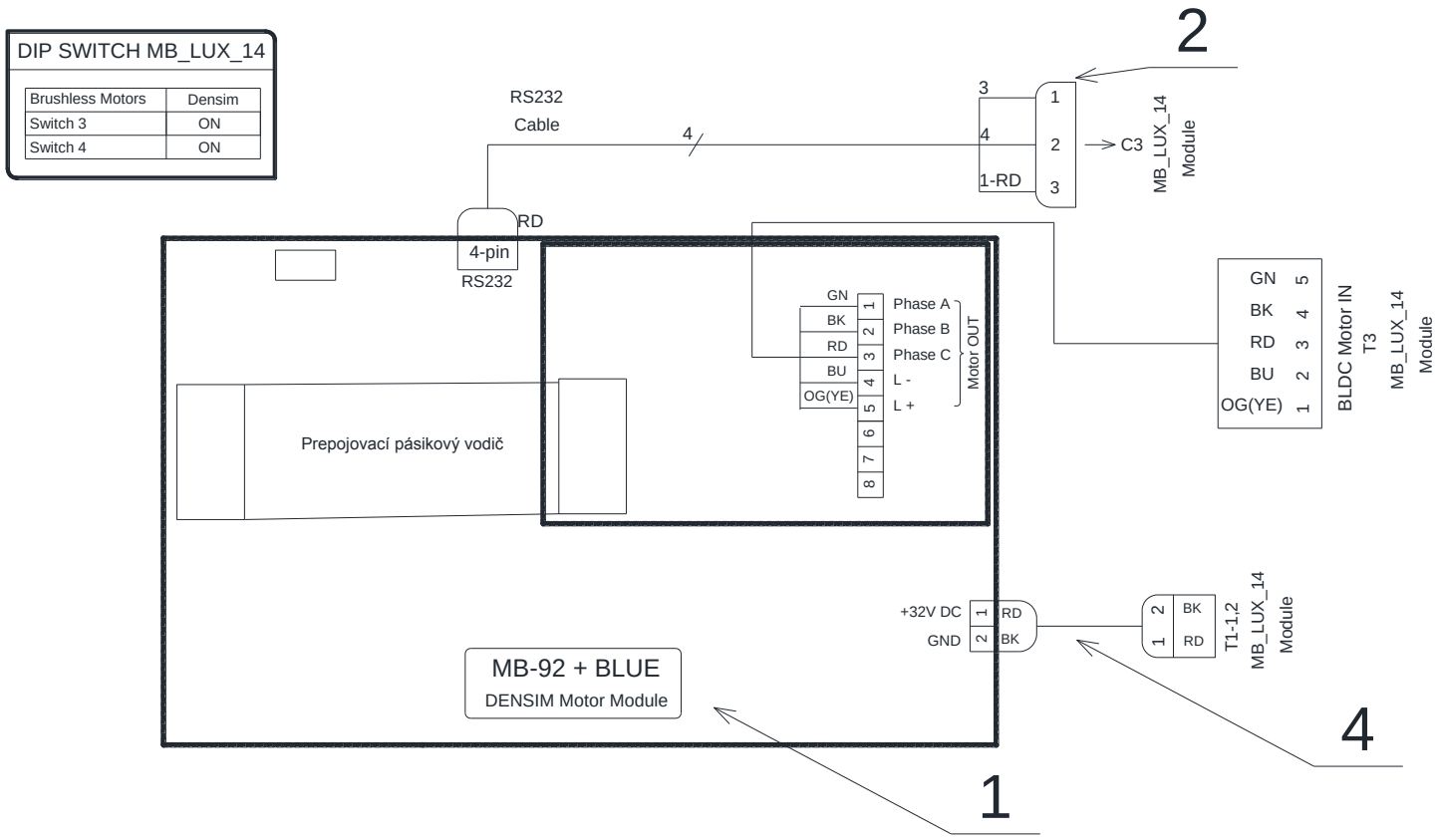
Module **DSMB92** (for DX PRO or DX SRG motor)



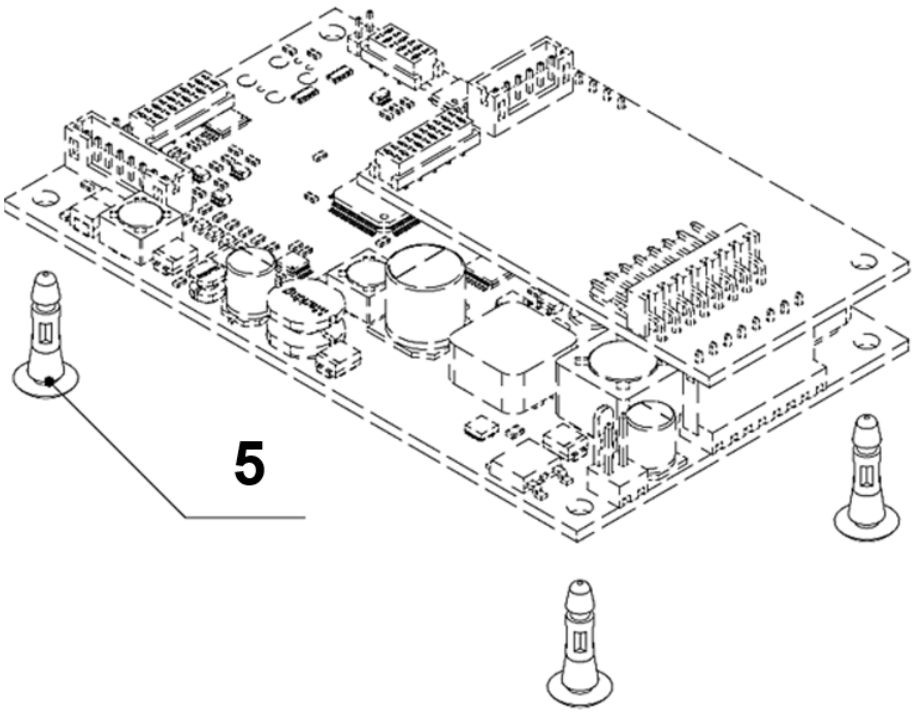
Pos.	Item no.	Product name	Unit	Quantity
001	DSMB92	DX PRO MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00
005	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00

DSMB92 BLUE MOTOR MODULE ELECTRICAL CONNECTIONS FOR DX PRO BLUE MOTORS - V629.28-90-32.3

(only necessary for the first DX PRO BLUE motor)



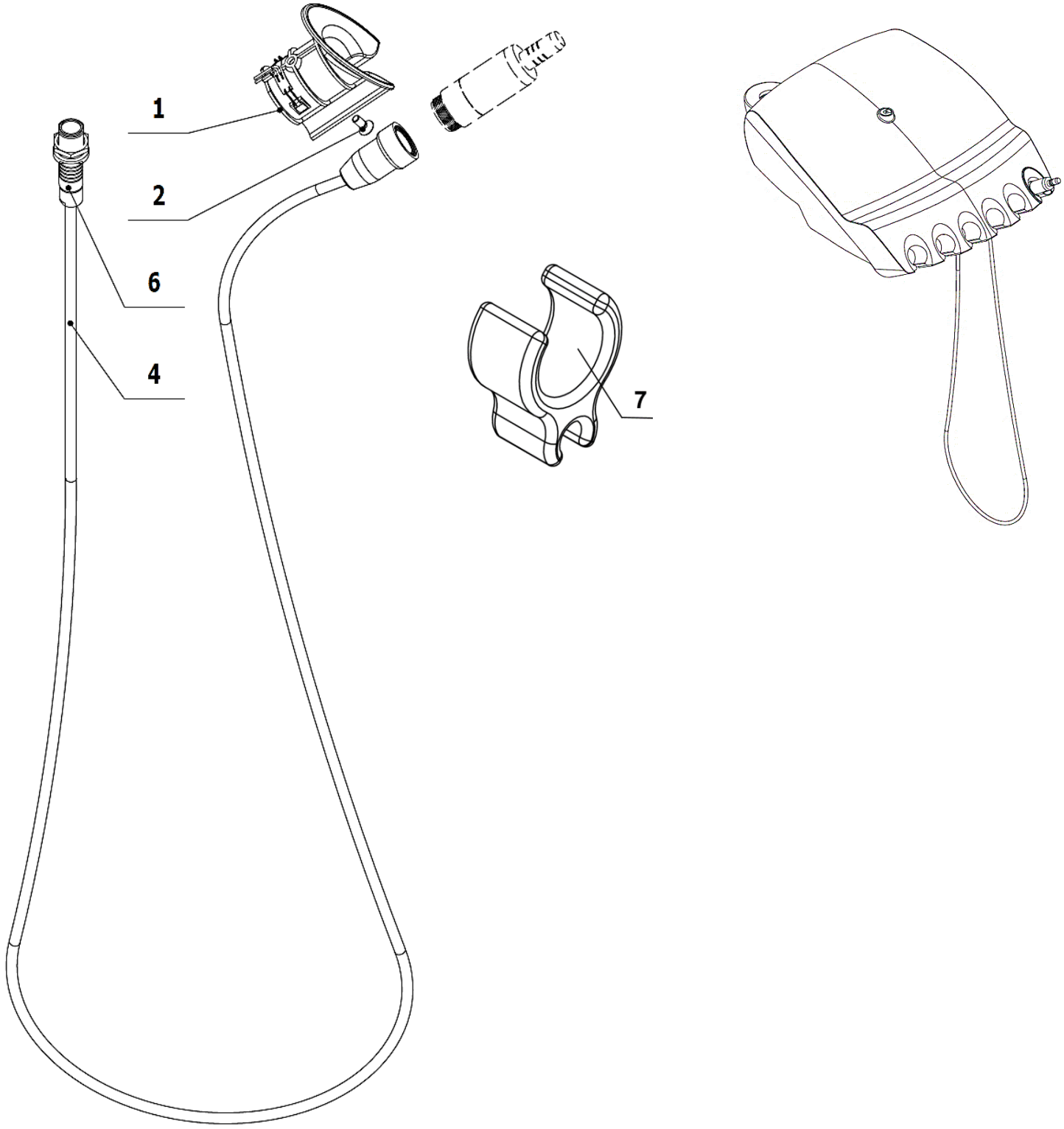
Module **DSMB92 BLUE** (for DX PRO BLUE motor)



Pos.	Item no.	Product name	Unit	Quantity
001	DSMB92BLUE	DX PRO BLUE MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00

005	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00

MICRO MOTOR DX SRG ACCESSORY - V636.39-00-00.3 K-001

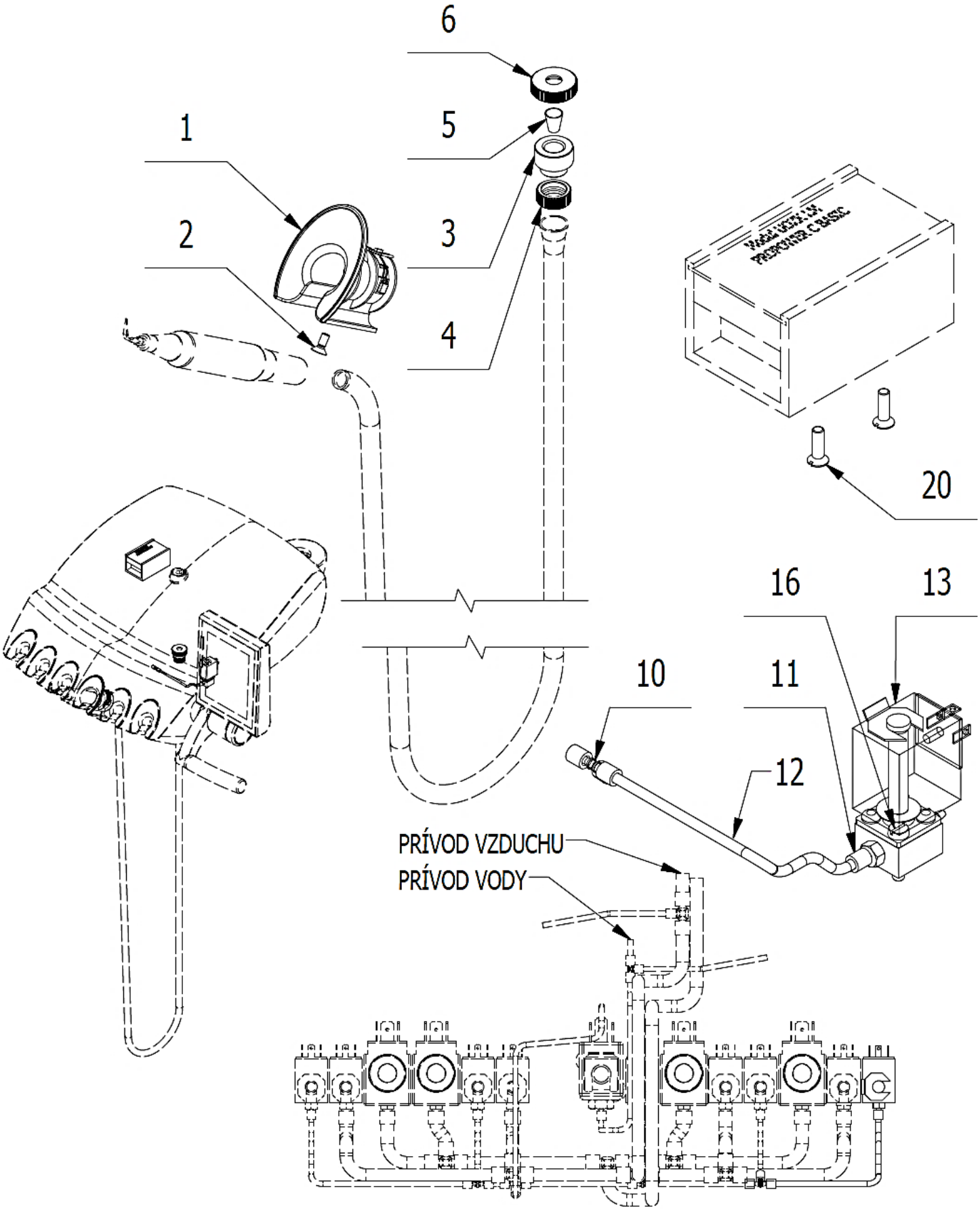


Pos.	Item no.	Product name	Unit	Quantity
001	V620.35-01-00	MC2 AND ISOLITE HOLDER, COMPLETE / WHT1	PC	1.00
002	ME309251.066	THREADED FASTENER, M 4X10	PC	1.00
004	DSCB1400	CABLE, DX SRG 1400 mm	PC	1.00
006	DSCBC001	FISCHER CONNECTOR FOR THE DX SRG CABLE	PC	1.00
007	V629.39-00-01	CLIP FOR IRRIGATION TUBE BienAir	KS	10,00
903	ME375000.004	INSULATED CRIMP FITTING - NITI 0.34X8TQ	PC	5.00

4 – USS – Ultra Sonic Scaler (Plaque removal instruments)

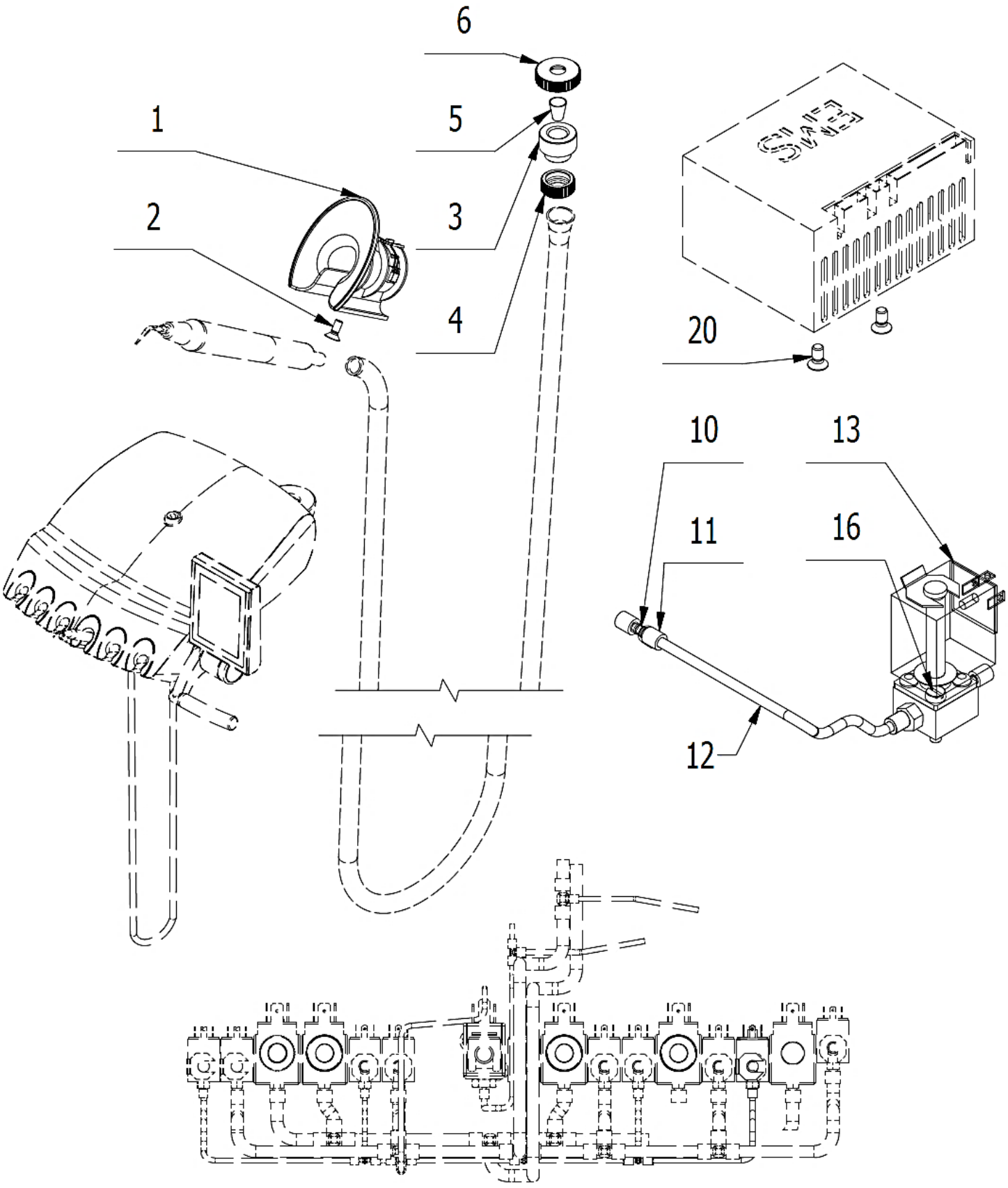
USS LM PROPOWER C ULTRALED ACCESSORY - V620.36-00-00.1 K-002

USS LM PROPOWER C ULTRALED ACCESSORY - V620.36-00-00.2 K-002



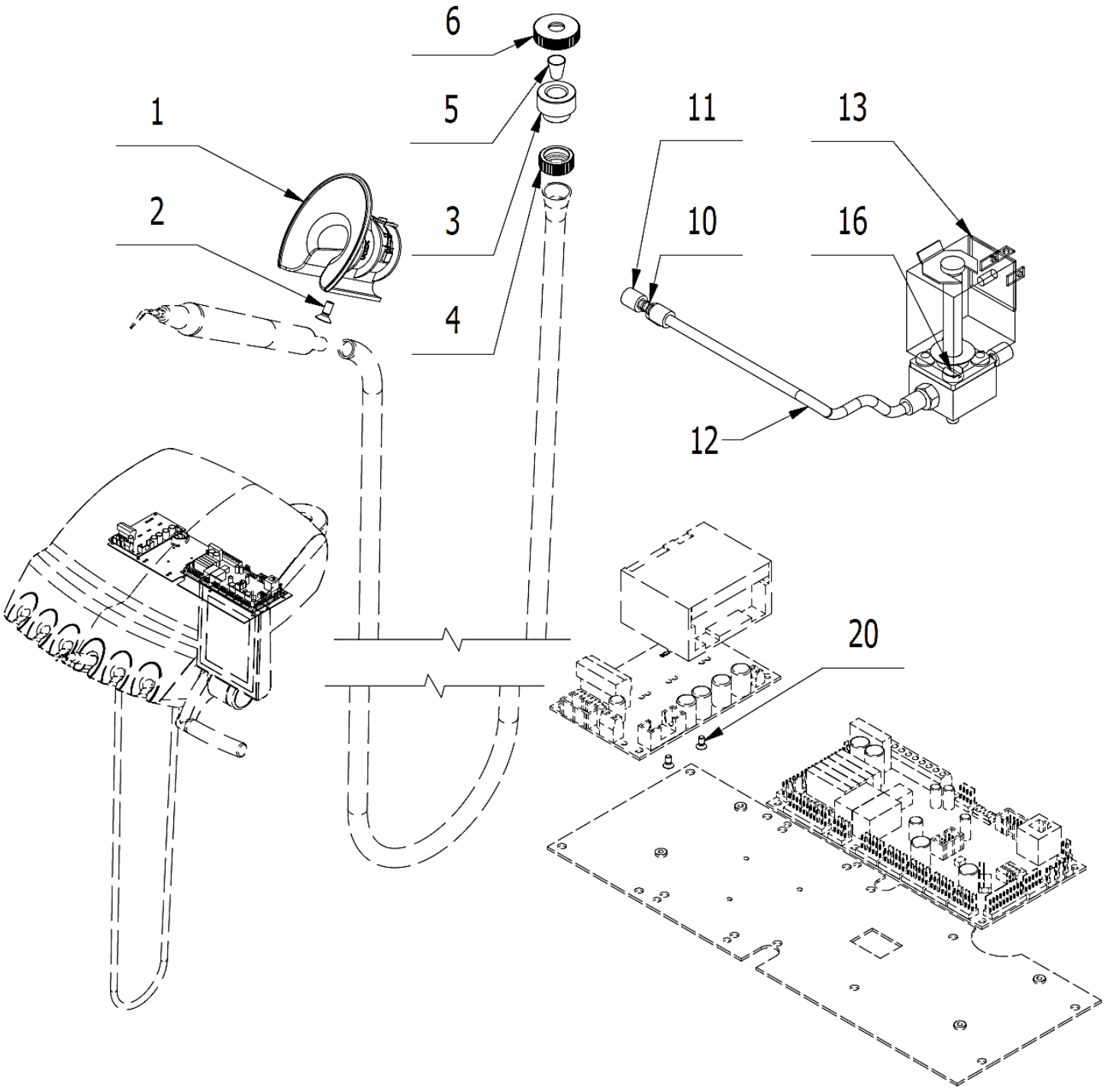
Pos.	Item no.	Product name	Unit	Quantity
001	**V620.53-01-00**	**MC3 HOLDER (Order for C b-in ULTRALED)**	**PC**	**OPTION 1.00**
001	**V620.32-01-01**	**MINIMATE HOLDER (Order for C b-in ULTRALED)**	**PC**	**OPTION 1.00**
002	ME309251.066	THREADED FASTENER, M 4X10	PC	1.00
003	V600.3-00-19	THREADED FASTENER, 2	PC	1.00
004	V600.3-00-20	NUT, 2	PC	1.00
005	V600.3-00-22	INSERT, 2	PC	1.00
006	V600.3-00-23.1	NUT, 1	PC	1.00
010	ME336401.015	ADAPTER T210-1	PC	1.00
011	V608.45-00-08	LOCK RING, 1	PC	6.00
012	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.22
013	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
016	ME309231.019	THREADED FASTENER, M 3X14	PC	2.00
020	ME309251.126	THREADED FASTENER, M 3x10	PC	2.00
021	**ME283367.101**	**USS LM-PROPOWER C b-in ULTRALED**	**PC**	**OPTIONAL** for V620.36-00-00.1 K-002
021	**ME283367.102**	**USS LM-PROPOWER C b-in BASIC**	**PC**	**OPTIONAL** for V620.36-00-00.2 K-002
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00
906	V629.44-90-06.1	WIRES, LM - ASSEMBLY	PC	1,00
907	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	3,00
908	ME375000.004	INSULATED CRIMP FITTING - NITI 0.34X8TQ	PC	1,00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2,00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5,00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2,00

USS EMS FS-367 LED ACCESSORY - V620.46-00-00.2 K-002



Pos.	Item no.	Product name	Unit	Quantity
001	V620.41-01-00	TURBINE HOLDER - COMPLETE / WHT1	PC	1,00
002	ME309251.066	THREADED FASTENER, M 4X10	PC	1,00
003	V600.3-00-19	THREADED FASTENER, 2	PC	1,00
004	V600.3-00-20	NUT, 2	PC	1,00
005	V600.3-00-22	INSERT, 2	PC	1,00
006	V600.3-00-23.1	NUT, 1	PC	1,00
009	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0,27
010	ME336401.015	ADAPTER T210-1	PC	1,00
011	V608.45-00-08	LOCK RING, 1	PC	6,00
012	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0,67
013	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
016	ME309231.019	THREADED FASTENER, M 3X14	PC	2,00
020	ME309543.071	THREADED FASTENER, M 3x6	PC	2,00
021	ME283367.098	USS EMS LED FS-367	PC	**OPTIONAL**
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00
907	ME243422.010	SHRINK-FIT INSUL. SLEEVE, P 2.1 BLACK	M	0,12
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	4,00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2,00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5,00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2,00
912	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1,00
913	ME372000.020	DIODE 1N 4007 1 A/1000 V	PC	1,00

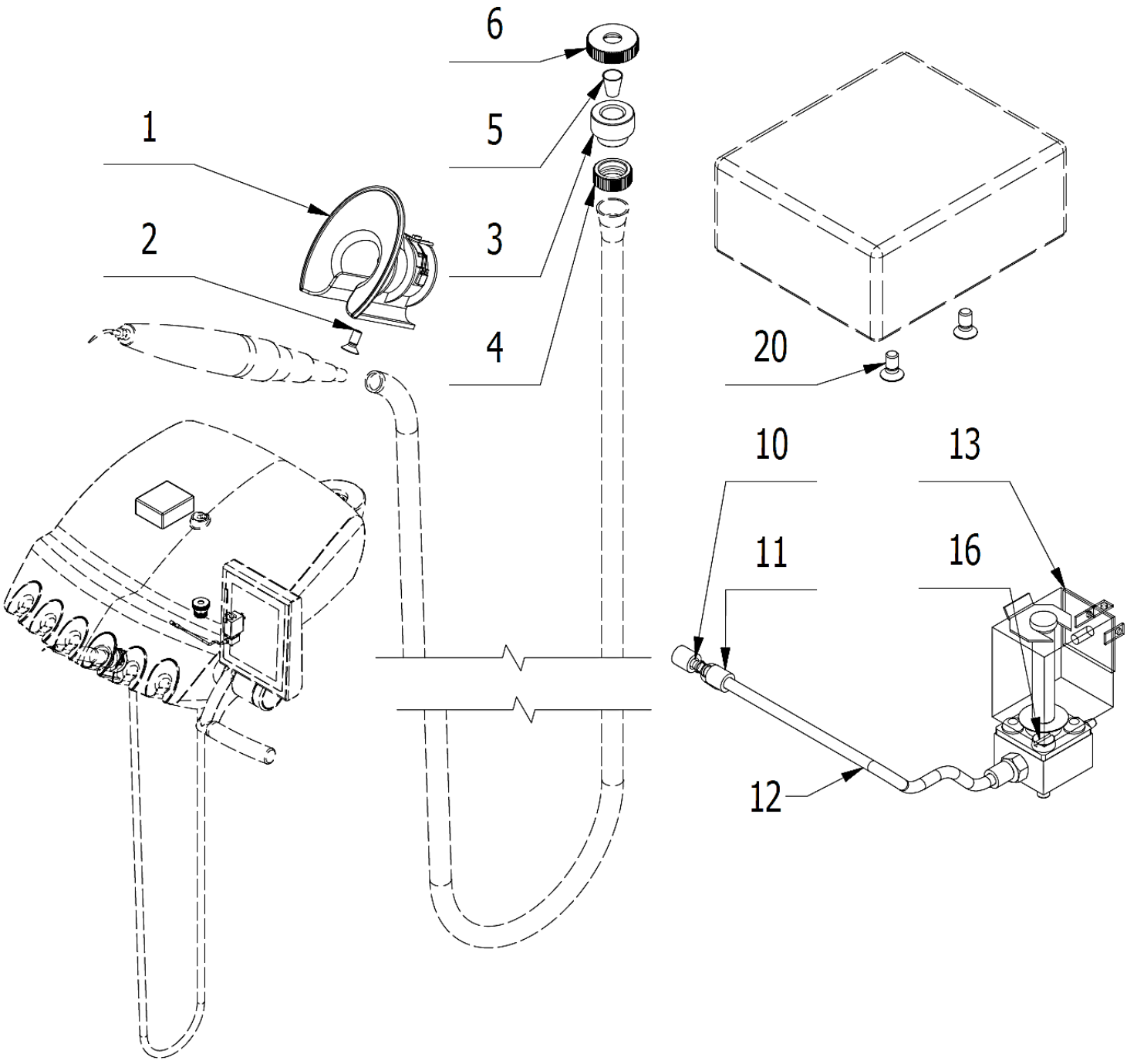
USS EMS FS-432 LED ACCESSORY - V620.46-00-00.3
USS EMS FS-433 ACCESSORY - V620.46-00-00.4



Pos.	Item no.	Product name	Unit	Quantity
001	V620.45-01-00	USS HOLDER	PC	1,00
002	ME309251.066	THREADED FASTENER, M 4X10	PC	1,00
003	V600.3-00-19	THREADED FASTENER, 2	PC	1,00
004	V600.3-00-20	NUT, 2	PC	1,00
005	V600.3-00-22	INSERT, 2	PC	1,00
006	V600.3-00-23.1	NUT, 1	PC	1,00
010	ME336401.015	ADAPTER T210-1	PC	1,00
011	V608.45-00-08	LOCK RING, 1	PC	6,00
012	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0,22

013	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
016	ME309231.019	THREADED FASTENER, M 3X14	PC	2,00
020	ME309543.071	THREADED FASTENER, M 3x6	PC	2,00
021	ME283367.120	USS EMS FS-432 LED	PC	**OPTIONAL** for V620.46-00-00.3
021	ME283367.121	USS EMS FS-433	PC	**OPTIONAL** for V620.46-00-00.4
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	2,00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5,00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2,00
912	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1,00

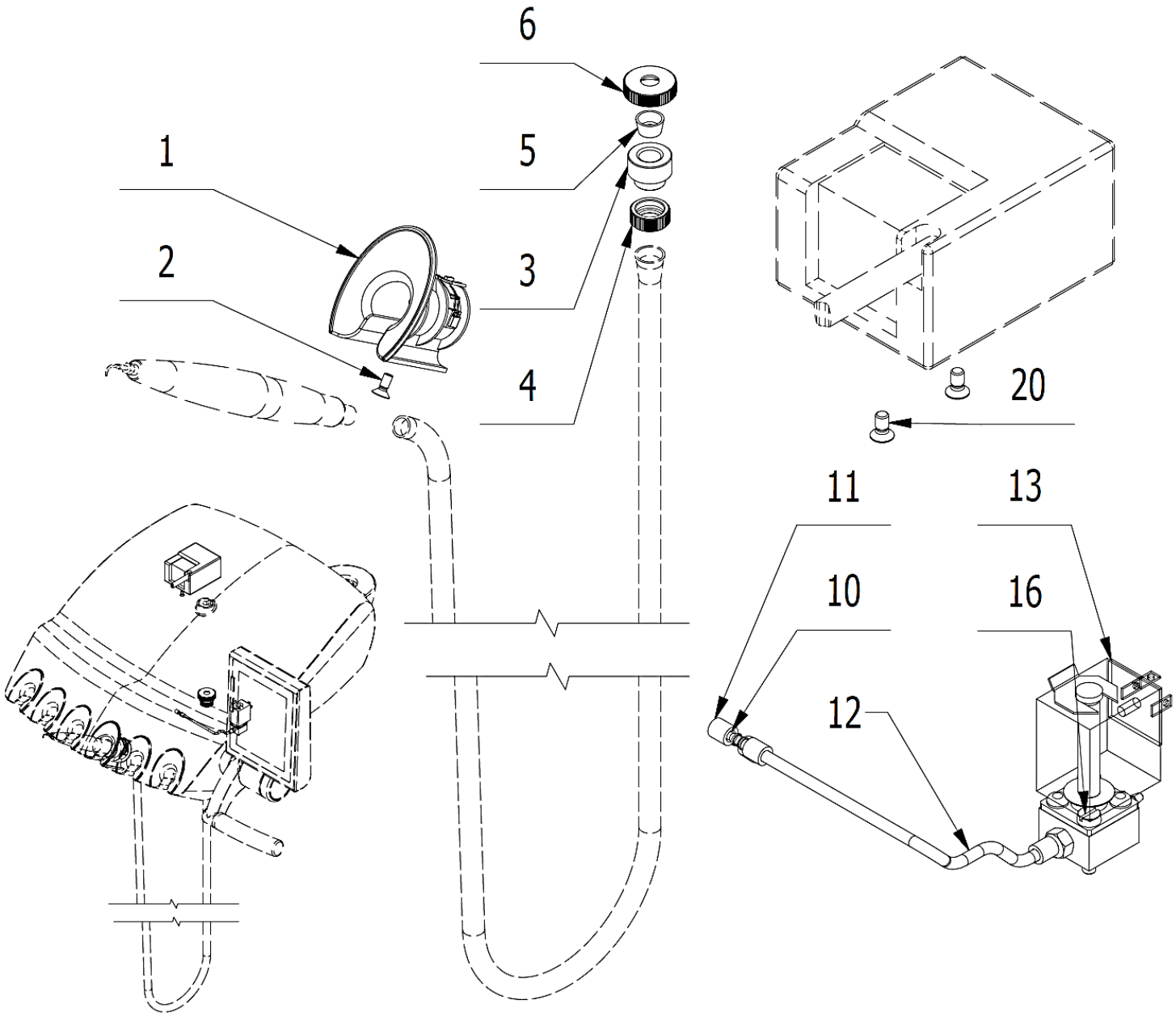
USS NSK ACCESSORY - V620.47-00-00 K-002
USS NSK LIGHT ACCESSORY - V620.47-00-00.1 K-002



Pos.	Item no.	Product name	Unit	Quantity
001	**V620.45-01-00**	**USS HOLDER**	**PC**	**OPTION for V620.47-00-00 K-002**
001	**V620.31-01-00**	**MINILIGHT HOLDER**	**PC**	**OPTION for V620.47-00-00.1 K-002**
002	ME309251.066	THREADED FASTENER, M 4X10	PC	1,00
003	V600.3-00-19	THREADED FASTENER, 2	PC	1,00
004	V600.3-00-20	NUT, 2	PC	1,00
005	V600.3-00-22	INSERT, 2	PC	1,00
006	V600.3-00-23.1	NUT, 1	PC	1,00
010	ME336401.015	ADAPTER T210-1	PC	1,00
906	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1,00
907	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	4,00

908	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2,00
909	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5,00
011	V608.45-00-08	LOCK RING, 1	PC	6,00
012	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0,22
013	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
910	ME345711.034	CLAMP, F0505 HC 101	PC	2,00
016	ME309231.019	THREADED FASTENER, M 3X14	PC	2,00
020	ME309543.071	THREADED FASTENER, M 3x6	PC	2,00
021	**ME397920.017**	**USS NSK VA 170**	**PC**	**OPTIONAL for V620.47-00-00 K-002**
021	**ME397920.018**	**USS NSK VA 170 LED-LUX**	**PC**	**OPTIONAL for V620.47-00-00.1 K-002**
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00

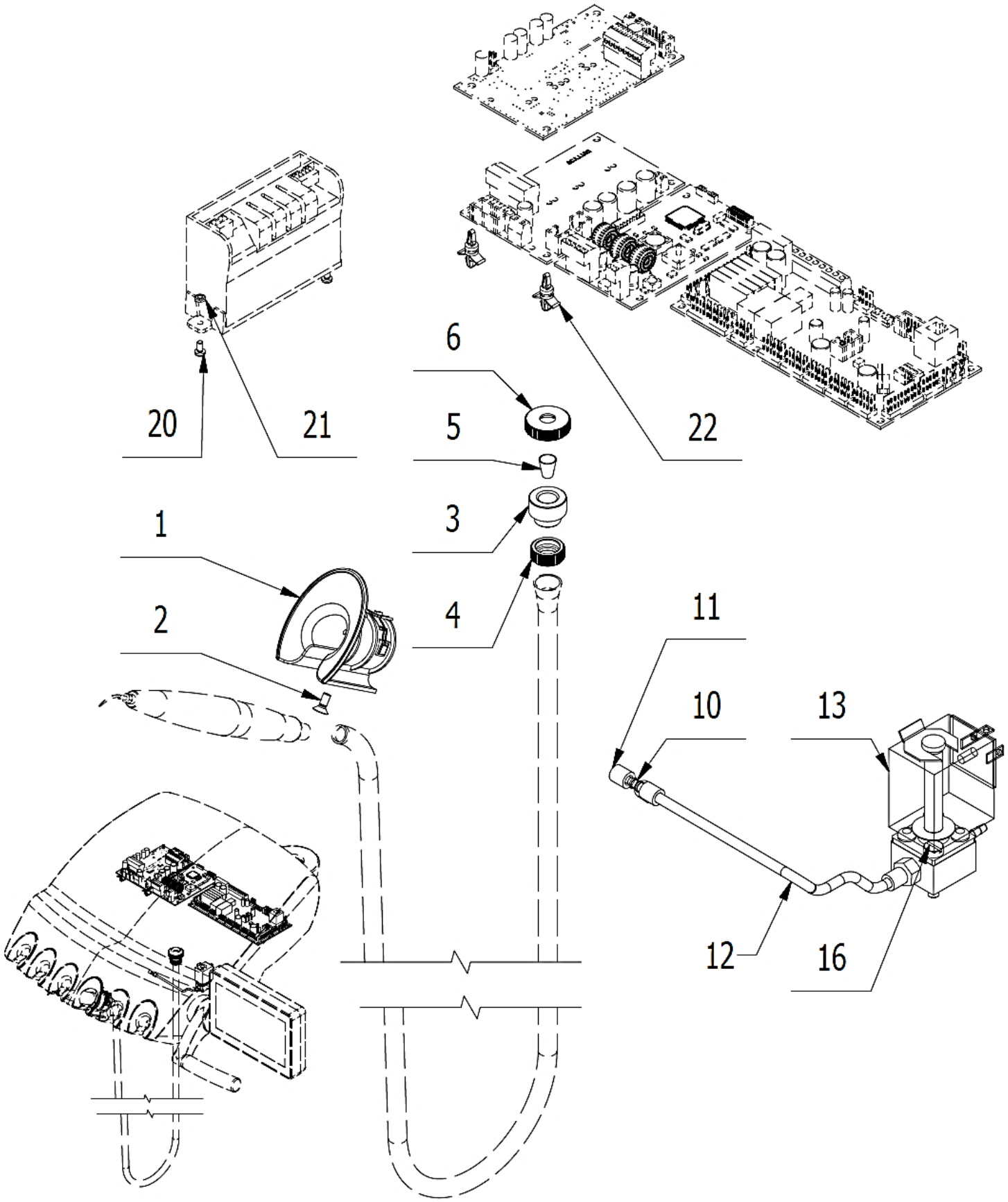
USS SATELEC NEWTRON ACCESSORY - V620.49-00-00 K-002
USS SATELEC NEWTRON LED ACCESSORY - V620.49-00-00.1 K-002



Pos.	Item no.	Product name	Unit	Quantity
001	V620.31-01-00	MINILIGHT HOLDER	PC	1,00
002	ME309251.066	THREADED FASTENER, M 4X10	PC	1,00
003	V600.3-00-19	THREADED FASTENER, 2	PC	1,00
004	V600.3-00-20	NUT, 2	PC	1,00
005	V602.50-00-04	INSERT, 1	PC	1,00
006	V600.3-00-23.1	NUT, 1	PC	1,00
010	ME336401.015	ADAPTER T210-1	PC	1,00
011	V608.45-00-08	LOCK RING, 1	PC	6,00
012	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0,22
013	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
016	ME309231.019	THREADED FASTENER, M 3X14	PC	2,00

020	ME309543.071	THREADED FASTENER, M 3x6	PC	2.00
021	**ME283367.066**	**USS SATELEC NEWTRON**	**PC**	**OPTIONAL for V620.49-00-00 K-002**
021	**ME283367.100**	**USS SATELEC SP NEWTRON LED**	**PC**	**OPTIONAL for V620.49-00-00.1 K-002**
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00
907	ME354321.011	RING WIRE CONNECTOR, 7610-01/4	PC	1,00
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	6,00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2,00
910	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1,00
911	ME375000.002	INSULATED CRIMP FITTING - NITI 0.75X8GY	PC	1,00
912	ME345621.012	TERMINAL STRIP, CM 1012	PC	1,00
913	V400.01-00-49	LABEL, XT3	PC	1,00
914	ME548232.303	LABEL, 4-602.8-00-57	PC	1,00
916	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5,00
917	ME345711.034	CLAMP, F0505 HC 101	PC	2,00
918	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4,00

USS SATELEC ACTEON XINETIC ACCESSORY - V636.38-00-00.1



Pos.	Item no.	Product name	Unit	Quantity
001	V620.53-01-00	MC3 HOLDER	PC	1,00
002	ME309251.066	THREADED FASTENER, M 4X10	PC	1,00
003	V600.3-00-19	THREADED FASTENER, 2	PC	1,00
004	V600.3-00-20	NUT, 2	PC	1,00

005	V600.3-00-22	INSERT, 2	PC	1,00
006	V600.3-00-23.1	NUT, 1	PC	1,00
010	ME336401.015	ADAPTER T210-1	PC	1,00
011	V608.45-00-08	LOCK RING, 1	PC	6,00
012	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0,22
013	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
016	ME309231.019	THREADED FASTENER, M 3X14	PC	2,00
020	ME309255.051	THREADED FASTENER, M 3X6	PC	2,00
021	ME311210.019	NUT, M 3	PC	2,00
022	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4,00
030	ME283367.118	USS SATELEC ACTEON XINETIC	PC	**OPTION**
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00
907	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	10,00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2,00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	10,00
911	ME345711.034	CLAMP, F0505 HC 101	PC	5,00
912	ME341419.006	WIRE, LiY 0.25 RD - 4126104S	M	0,15
913	ME341419.002	WIRE, LiY 0.25 BU - 4126002S	M	0,15
914	ME341419.016	WIRE, LiY 0.25 OG	M	0,15
915	ME341419.008	WIRE, LiY 0.25 GY - 4126106S	M	0,15

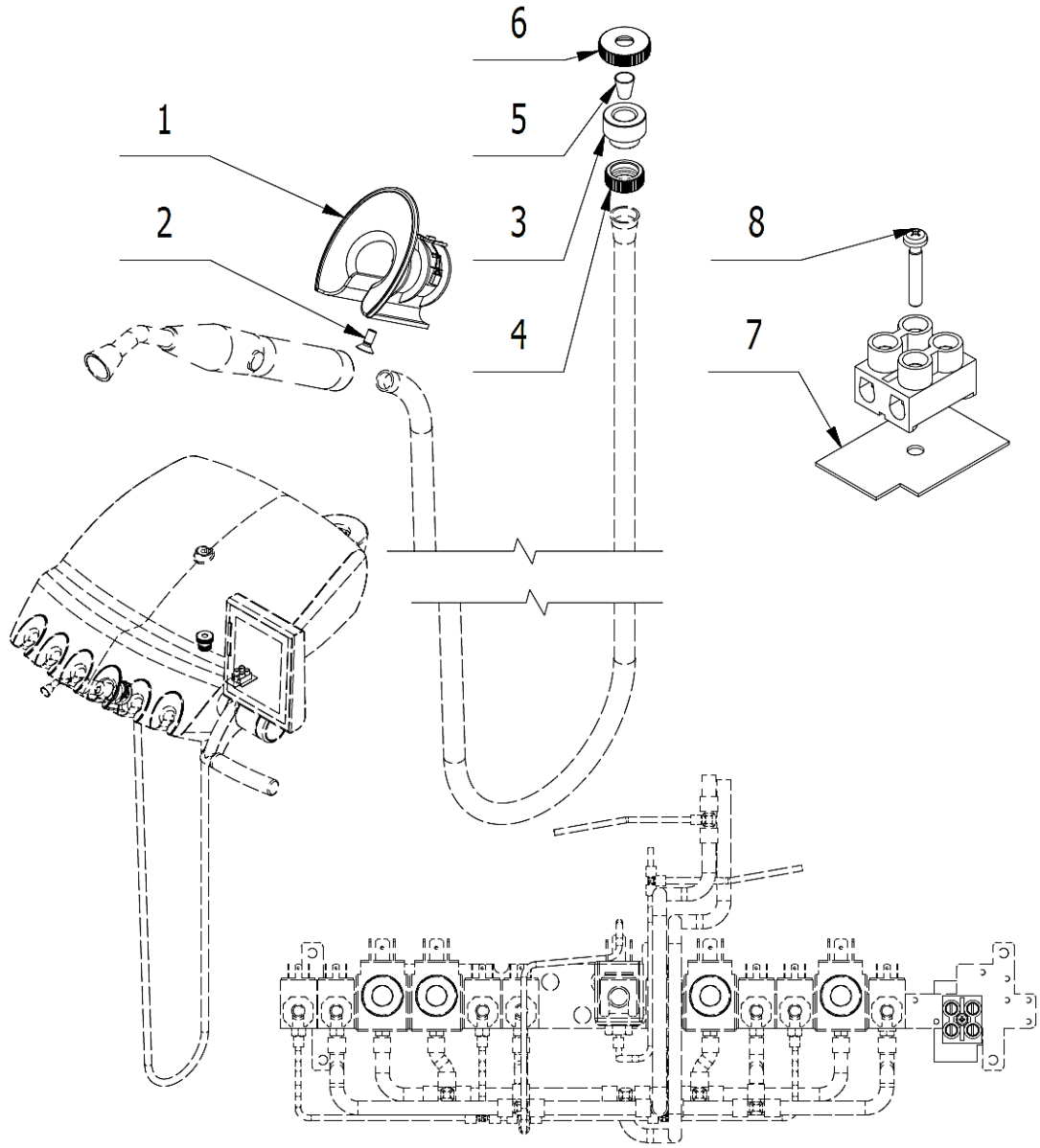
ACCESSORY FOR USS WOODPECKER UDS-N3 LED - V636.52-00-00

(WOODPECKER UDS-N3 LED = ME283367.124)

POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	V620.45-01-00	SCALER HOLDER	PC	1,00
002	ME309251.066	SCREW M 4X10	PC	1,00
003	V600.3-00-19	SCREW 2	PC	1,00
004	V600.3-00-20	NUT 2	PC	1,00
005	V600.3-00-22	INSERT 2	PC	1,00
006	V600.3-00-23.1	NUT 1	PC	1,00
010	ME336401.015	T HOSE BARB FITTING T210-1	PC	1,00
011	V608.45-00-08	LOCKING RING 1	PC	6,00
012	ME283367.024	HOSE PUR 1,5/2,7 GREEN	m	0,22
013	V619.28-44-00	SOLENOID VALVE, SIRAI	PC	1,00
016	ME309231.019	SCREW M 3X14	PC	2,00
020	ME309543.088	SCREW M 3X5	PC	2,00
021	ME309255.073	SCREW M 4X6	PC	3,00
022	V635.28-50-02.1	MODULES PLATE	PC	1,00
030	ME283367.124	WOODPECKER UDS-N3 LED	PC	**OPTION**
901	ME374000.376	MODULE SCA_LUX3	PC	1,00
902	ME374010.069	CABLE SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	CONDUCTOR WH	PC	2,00
904	V629.44-90-04.1	CONDUCTOR GN	PC	2,00
905	V400.01-01-40	LABEL TEXT	PC	1,00
906	ME283367.125	WOODPECKER ADAPTER	PC	1,00
910	ME397900.012	CABLE TIE F 0301 CV-094	PC	5,00
911	ME345711.034	ADHESIVE CLIP F0505 HC 101	PC	2,00

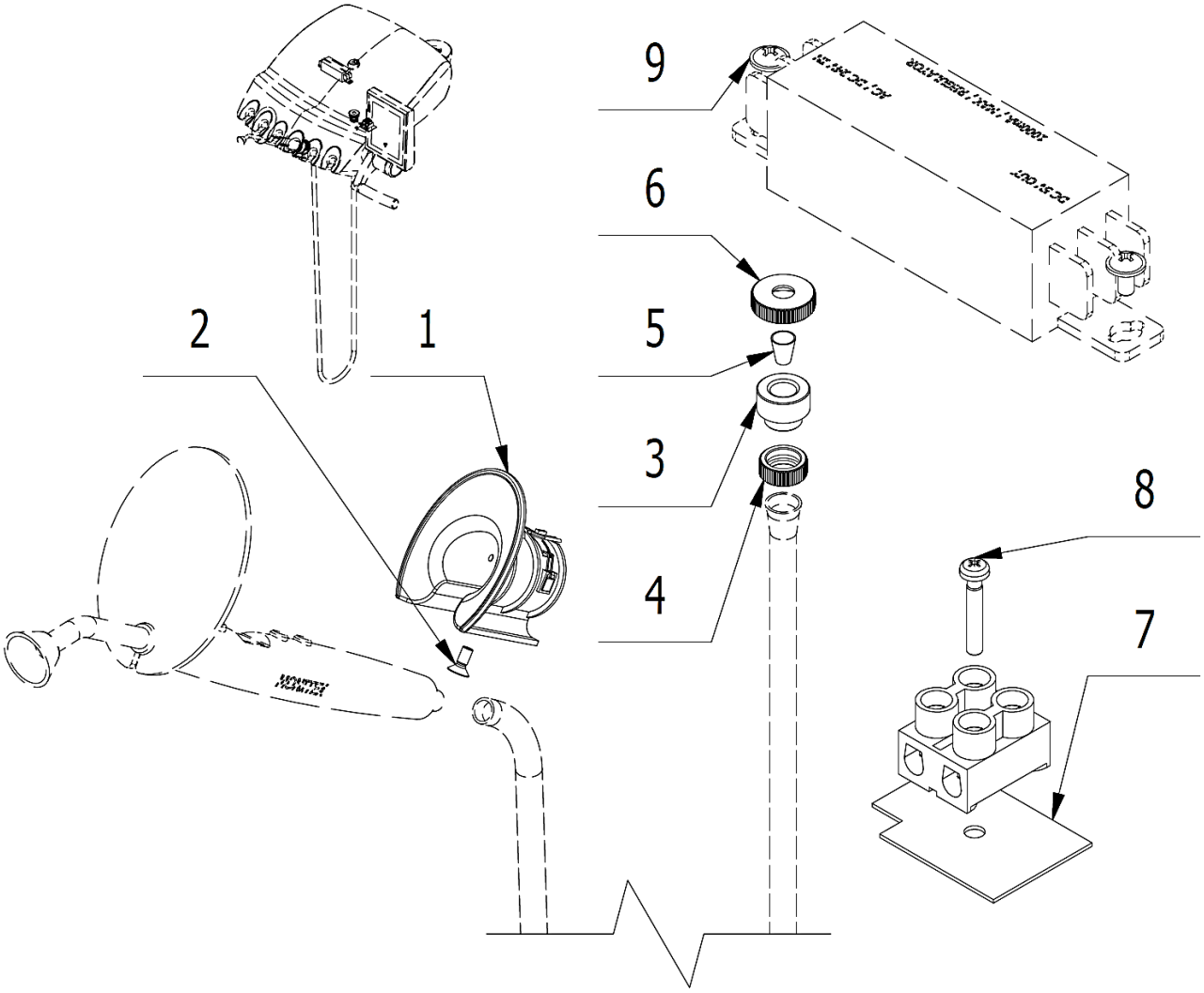
5 – Curing lamps

MECTRON PLM ACCESSORY - V620.40-00-00 K-002



Pos.	Item no.	Product name	Unit	Quantity
001	V620.31-01-00	MINILIGHT HOLDER - COMPLETE / WHT1	PC	1,00
002	ME309251.066	THREADED FASTENER, M 4X10	PC	1,00
003	V600.3-00-19	THREADED FASTENER, 2	PC	1,00
004	V600.3-00-20	NUT, 2	PC	1,00
005	V600.3-00-22	INSERT, 2	PC	1,00
006	V600.3-00-23.1	NUT, 1	PC	1,00
007	V606.49-00-11	BASE UNDER TERMINAL STRIP	PC	1,00
008	ME309255.077	THREADED FASTENER, M 3X18	PC	1,00
901	ME345621.010	TERMINAL STRIP WITH FUSE, CM 1035	PC	1,00
902	ME371814.057	FUSE, 5X20 T 315 mA	PC	1,00
903	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	4,00
904	V400.01-01-40	LABEL, TEXT	PC	1,00
905	ME341411.023	WIRE, LAU WHITE P 0.35	M	0,50
906	ME397900.012	CABLE TIE, F 0301 CV-094	PC	3,00

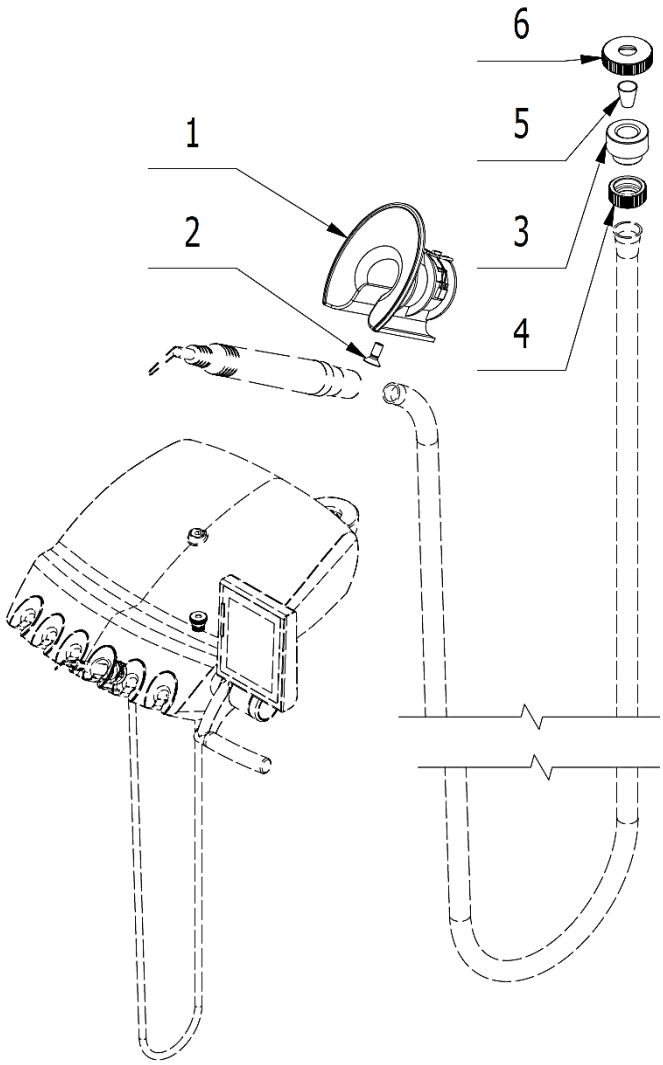
MONITEX PLM ACCESSORY - V620.40-00-00.1 K-002

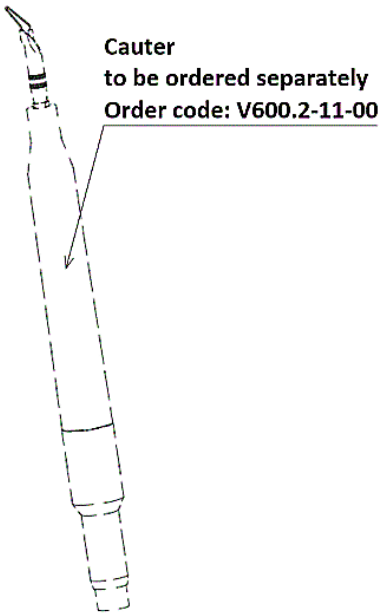


Pos.	Item no.	Product name	Unit	Quantity
001	V620.35-01-00	MC2 AND ISOLITE HOLDER, COMPLETE / WHT1	PC	1.00
002	ME309251.066	THREADED FASTENER, M 4X10	PC	1.00
003	V600.3-00-19	THREADED FASTENER, 2	PC	1.00
004	V600.3-00-20	NUT, 2	PC	1.00
005	V600.3-00-22	INSERT, 2	PC	1.00
006	V600.3-00-23.1	NUT, 1	PC	1.00
007	V606.49-00-11	BASE UNDER TERMINAL STRIP	PC	1.00
008	ME309255.077	THREADED FASTENER, M 3X18	PC	1.00
009	ME309251.103	THREADED FASTENER, M 3X6, DECORATIVE	PC	2.00
901	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	8.00
902	ME341411.059	WIRE, LAU 0.5 WHITE	M	0.90
903	ME345621.021	TERMINAL STRIP WITH FUSE, CM 1025	PC	1.00
904	ME371814.057	FUSE, 5X20 T 315 mA	PC	1.00
905	V400.01-00-54	LABEL, XT8	PC	1.00
906	V400.01-00-45	LABEL, FU9	PC	1.00
907	ME735000.274	LABEL, T315 MA	PC	1.00
908	ME309255.049	THREADED FASTENER, M 3X16	PC	1.00
909	ME375000.004	INSULATED CRIMP FITTING - NITI 0.34X8TQ	PC	2.00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00
911	ME345711.034	CLAMP, F0505 HC 101	PC	1.00

6 – Cauter

CAUTER ACCESSORY - V620.41-00-00 K-002



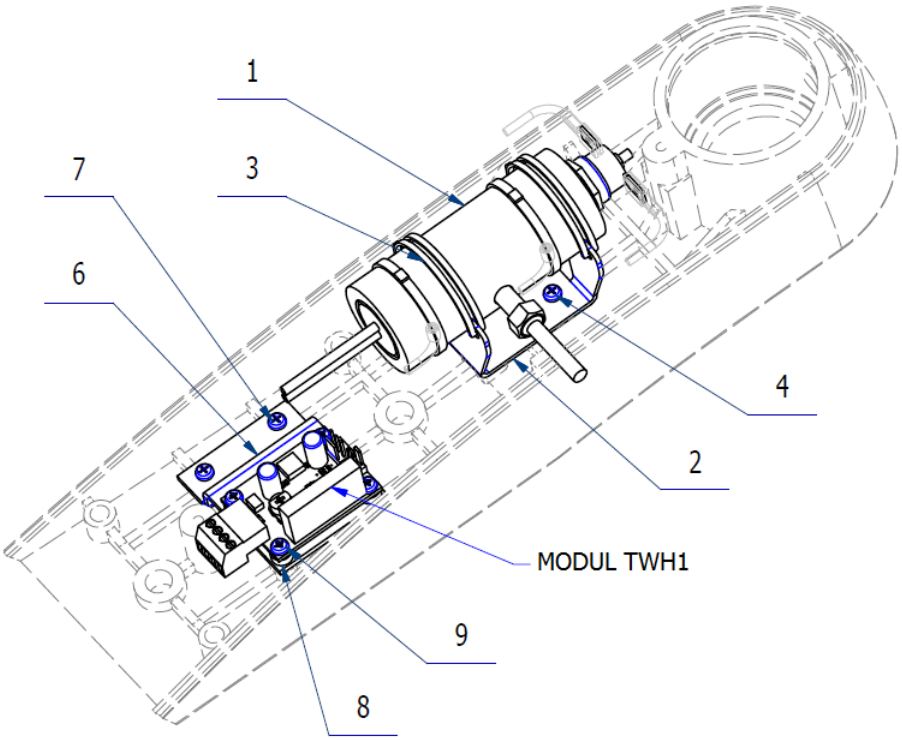


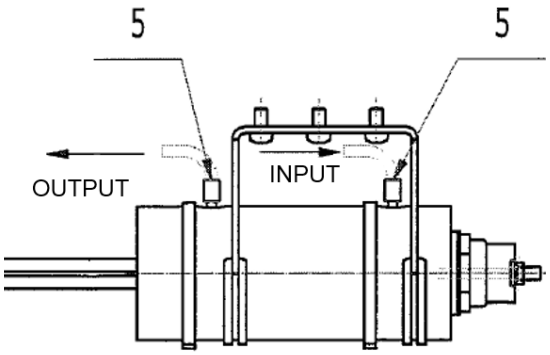
Pos.	Item no.	Product name	Unit	Quantity
001	V620.41-01-00	TURBINE HOLDER - COMPLETE / WHT1	PC	1.00
002	ME309251.066	THREADED FASTENER, M 4X10	PC	1.00
003	V600.3-00-19	THREADED FASTENER, 2	PC	1.00
004	V600.3-00-20	NUT, 2	PC	1.00
005	V600.3-00-22	INSERT, 2	PC	1.00
006	V600.3-00-23.1	NUT, 1	PC	1.00
901	ME374000.270	ECO_CAU1 MODULE	PC	1.00
902	V629.59-90-02	CABLE, MB-CAU_LUX	PC	1.00
903	V629.59-90-03	WIRES, WH - ASSEMBLY	PC	1.00
904	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	2.00
905	ME375000.007	INSULATED CRIMP FITTING - NITI 2X1X7.8RD	PC	1.00
906	V629.59-00-10	CAUTER PLATE	PC	1.00
907	ME309255.036	THREADED FASTENER, M 3X8	PC	2.00
908	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00
909	ME371418.009	SPACER POST, KDR 05	PC	2.00

7 – Other control panel accessories

►WATER HEATER ACCESSORY - V635.45-00-00

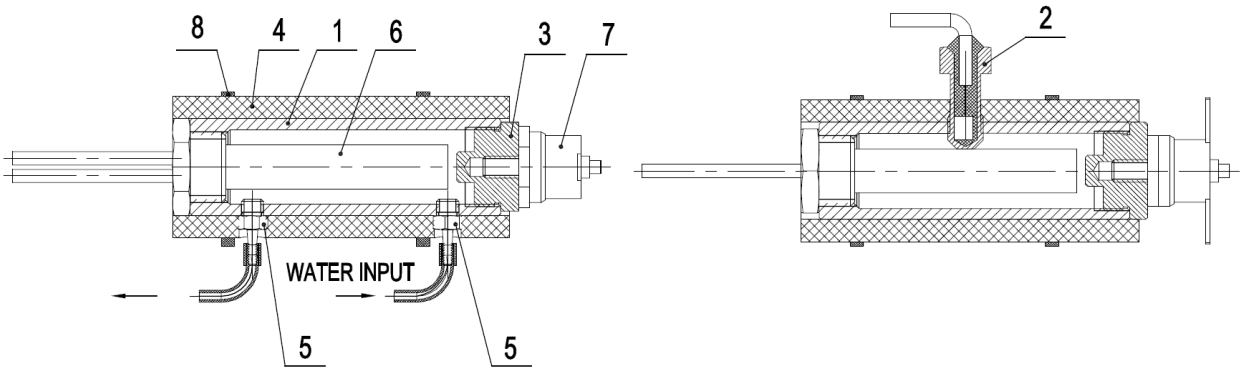
(used with DA370, DA380)





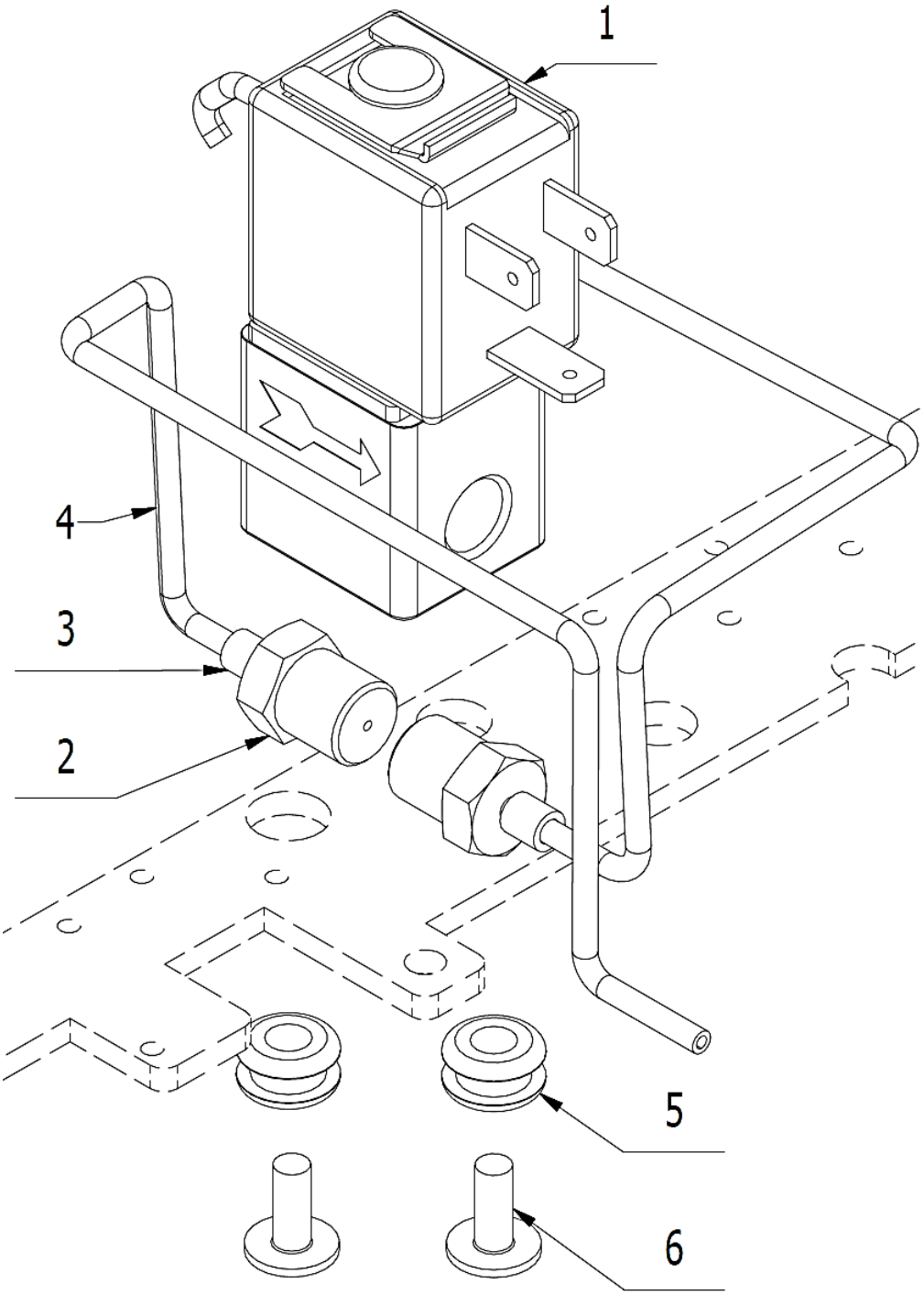
Pos.	Item no.	Product name	Unit	Quantity
001>>	V635.45-01-00	HEATER	PC	1.00
002	V618.45-00-02	HEATER HOLDER	PC	1.00
003	ME397800.015	CABLE TIE, F0301 CV-200	PC	2.00
004	ME309255.051	THREADED FASTENER, M 3X6	PC	3.00
005	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.01
006	V635.45-00-06	MODULE HOLDER	PC	1.00
007	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
008	ME371418.008	SPACER POST, KDR 03	PC	4.00
009	ME309255.036	THREADED FASTENER, M 3X8	PC	4.00
901	ME374000.356	TWH1 MODULE	PC	1.00
902	V635.45-90-01	POWER WIRES, TWH1 MODULE	PC	1.00
903	V635.45-90-02	WIRE FOR HEATER	PC	1.00
904	ME345571.001	FASTON SOCKET, 6.3 0.3-0.8 mm2	PC	1.00
905	ME343415.032	INSULATION SLEEVE, 6.3 mm, PA	PC	1.00
906	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	3.00
907	ME374060.011	HOUSING, NSG 25-3	PC	1.00
908	V635.45-90-03	WIRES, TWH1 MODULE	PC	1.00
909	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1.00

>>HEATER - V635.45-01-00



Pos.	Item no.	Product name	Unit	Quantity
001	V618.45-01-01.1	HEATER BODY	PC	1.00
002	V635.45-02-00	HEATER SENSOR	PC	1.00
003	V618.45-01-03	THERMOSTAT BUSHING	PC	1.00
004	V618.45-01-04	INSULATION, PR 22X6	PC	1.00
005	ME397522.004	TAIL-PIECE, 11752-2-M5-PKG	PC	2.00
006	ME541525.010	100 W HEATING ELEMENT	PC	1.00
007	ME405720.005	THERMOSTAT, S-3014 2455RM LIMITER	PC	1.00
008	ME397800.015	CABLE TIE, F0301 CV-200	PC	2.00

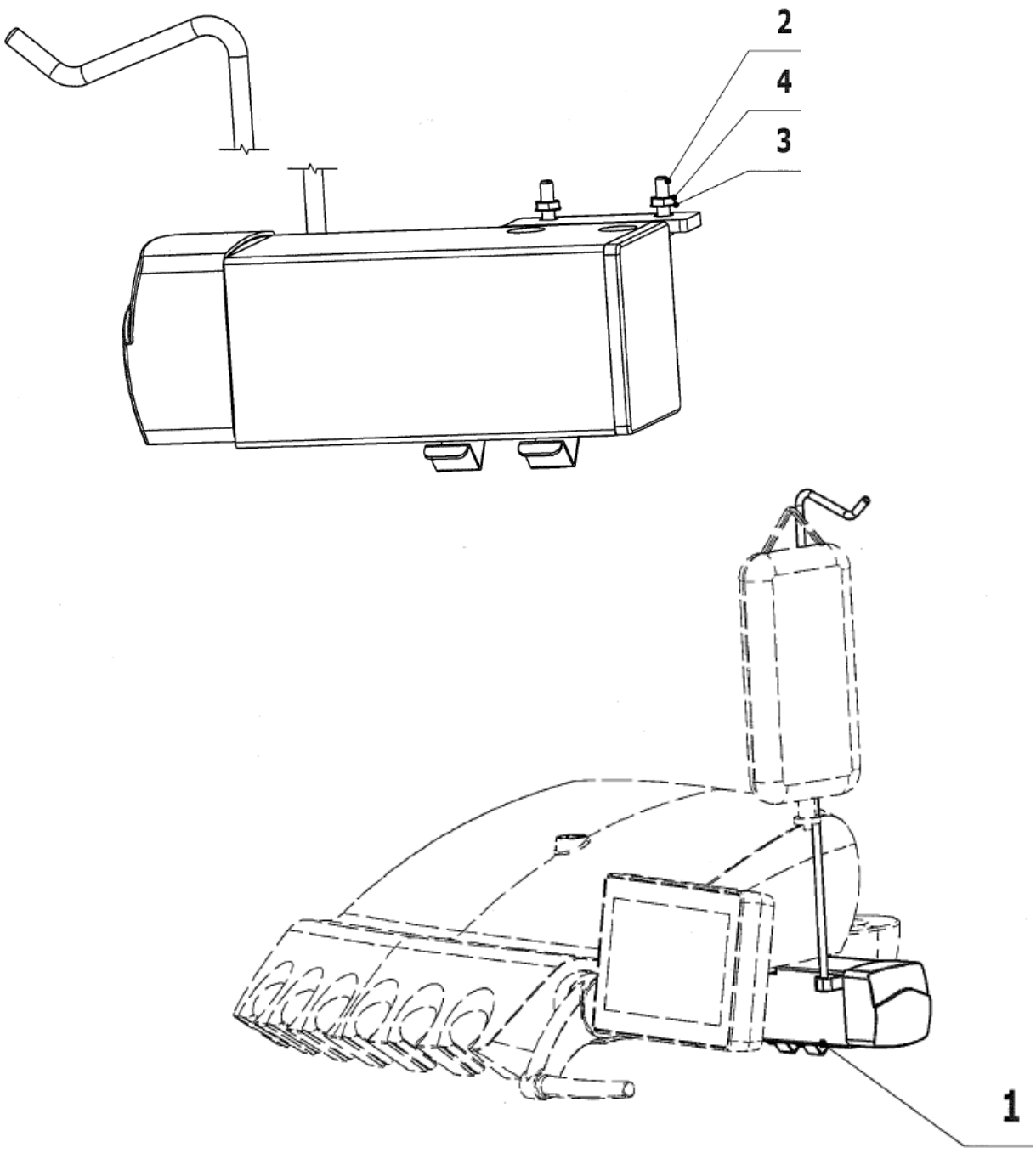
>> PROPORTIONAL VALVE ACCESSORY - V620.28-22-00



Pos.	Item no.	Product name	Unit	Quantity
001	ME551114.004	PROPORTIONAL VALVE, ASCO SCG202A207V	PC	1.00
002	ME336401.023	ADAPTER 18210-1	PC	2.00
003	V608.45-00-08	LOCK RING, 1	PC	2.00
004	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.22
005	ME273121.042	BUSHING, TYPE F2, 5X3	PC	2.00
006	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	2.00
901	ME374100.076	PROP. WATER VALVE WIRES	PC	1.00
902	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1.00
903	V400.01-01-40	LABEL, TEXT	PC	1.00

► PERISTALTIC PUMP ACCESSORY - V636.57-00-00

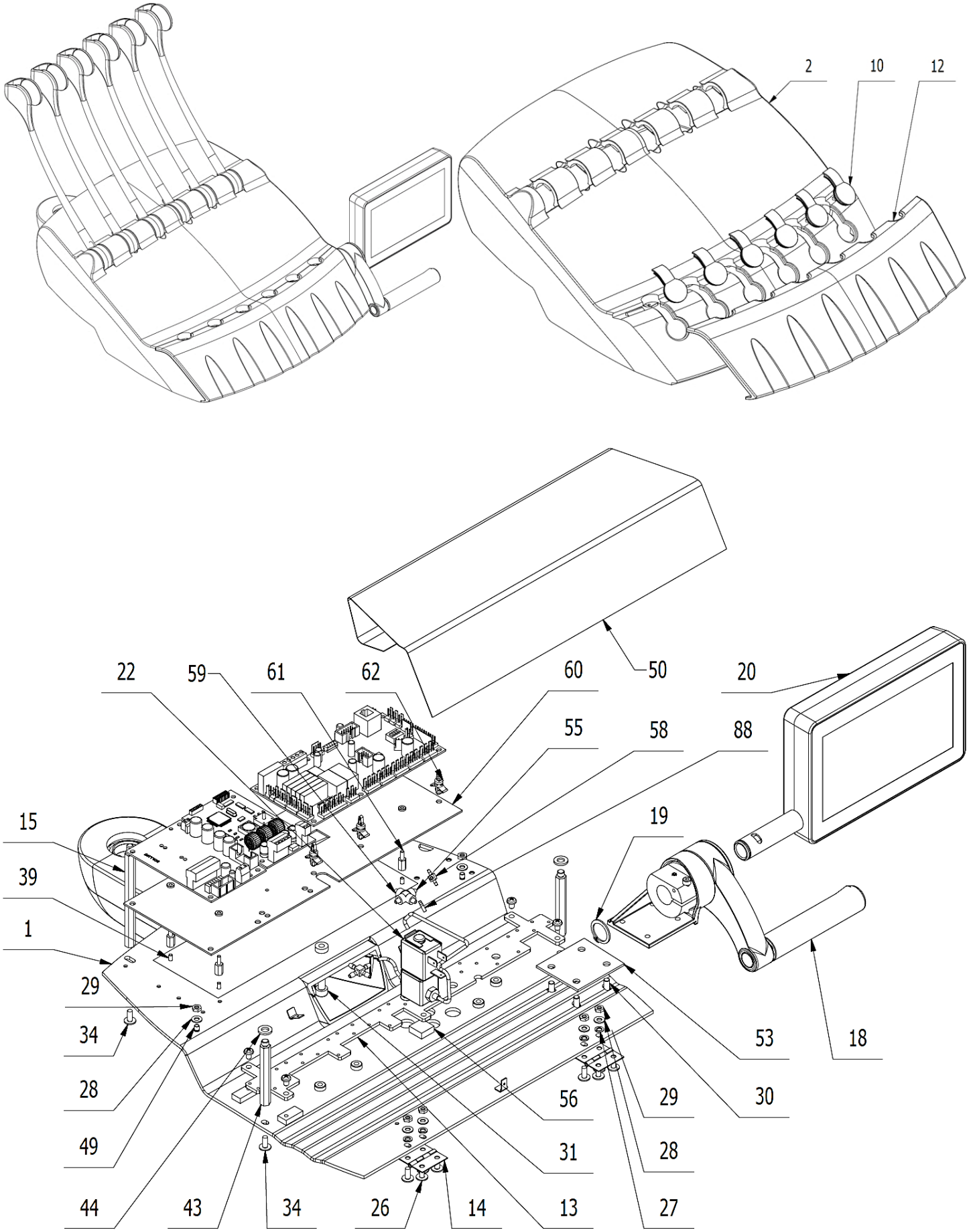
(for DA370, DA380)

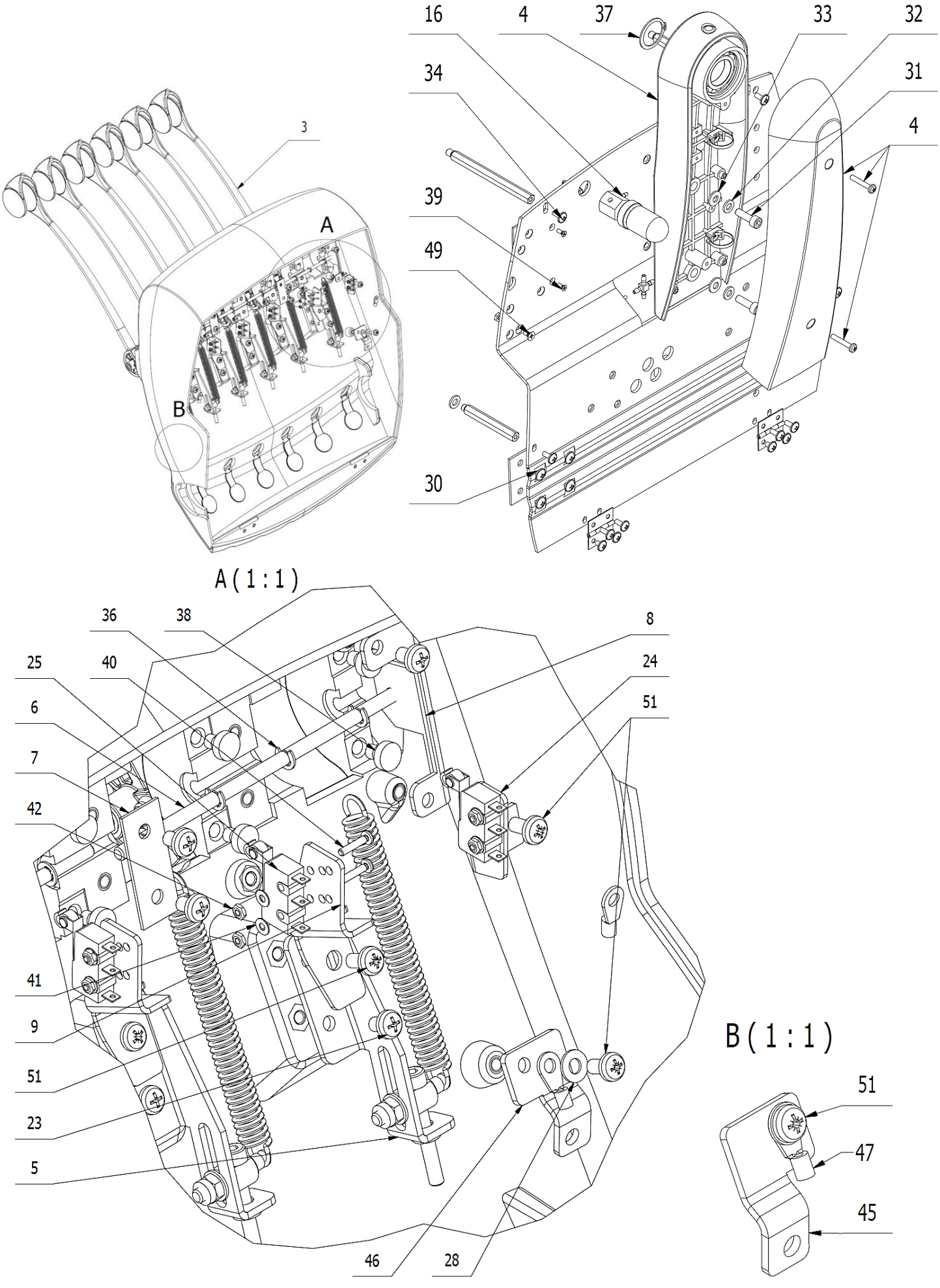


Pos.	Item no.	Product name	Unit	Quantity
001	V629.31-01-00	PERISTALTIC PUMP ASSEMBLY	PC	1.00
002	ME309251.107	THREADED FASTENER, M 4X16, DECORATIVE	PC	2.00
003	ME311214.033	WASHER, P 4.3	PC	2.00
004	ME311180.015	NUT, M 4	PC	2.00
901	ME374000.373	PD_3 MODULE	PC	1.00
902	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	2.00
903	ME374060.010	HOUSING, NSG 25-2	PC	1.00
904	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	2.00

E4 – DA370 CONTROL PANEL (Upper instrument configuration)

E4.1 – DA370 - V635.28-00-00

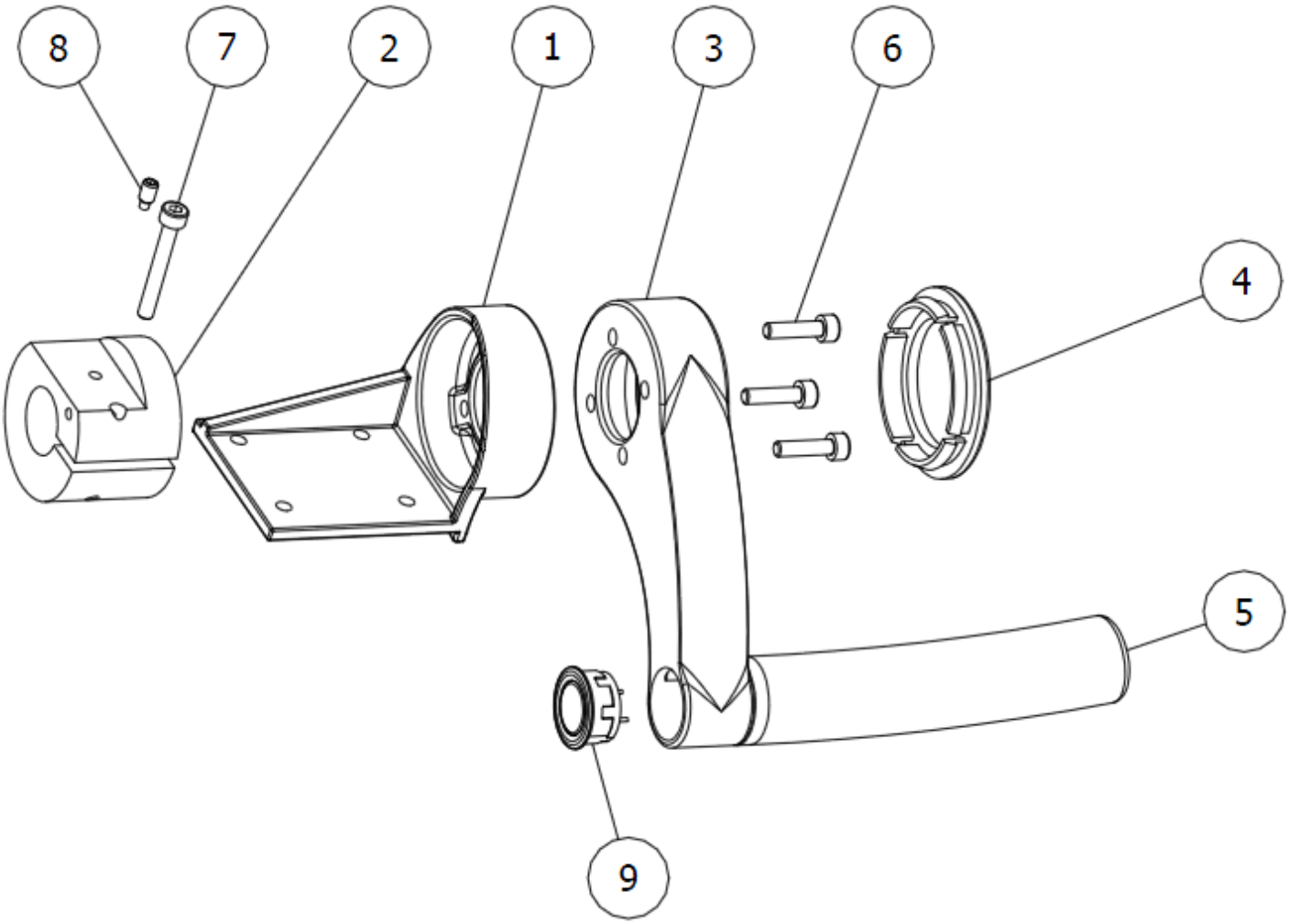



3
A
B
16
4
37
33
32
34
31
4
39
49
30
A (1 : 1)
36
38
8
25
40
24
6
51
7
42
41
9
51
23
5
46
28
B (1 : 1)
51
47
45

Pos.	Item no.	Product name	Unit	Quantity
001	V618.28-01-00	DENTIST'S TABLE - FRAME ASSEMBLY / WHT1	PC	1,00
002	V635.28-02-00	DENTIST'S TABLE COVER / DENTIST'S TABLE COVER	PC	1,00
003>>	V618.28-03-00.1	WHIP	PC	6,00
004	V618.28-06-00	HOLDER ASSEMBLY / WHT1	PC	1,00
005>>	V618.28-07-00	RUNNING MECHANISM	PC	6,00
006	V618.28-00-06	WHIP DRUM AXLE	PC	3,00
007	V618.28-00-07	WHIP AXLE HOLDER	PC	3,00
008	V618.28-00-08	WHIP AXLE HOLDER	PC	1,00
009	V618.28-00-09	MICRO SWITCH HOLDER	PC	5,00
010	ME321822.055	BLANK FOR THE HOSE 1 OPENING	PC	3,00
011	ME321822.053	BLANK FOR THE HOSE 2 OPENING	PC	3,00
012	ME321822.054	TRAY BENEATH INSTRUMENTS	PC	1,00
013	V618.28-00-13	PLATE FOR VALVES	PC	1,00
014	V615.28-00-07	MODIFIED HINGE	PC	2,00
015	V618.28-00-15	EXTENSION L=95 mm	PC	2,00
016	V622.28-69-00	TANK, COMPLETE	PC	1,00
018>>	V635.28-18-00	DENTIST'S PANEL CONTROLS	PC	1,00
019	ME311733.007	LOCK RING P 18	PC	1,00
020>>	V636.28-10-00	EXTERNAL CAPACITATIVE SCREEN	PC	1,00
022>>	V618.28-22-00	ACCESSORY PROPORTIONAL WATER VALVE, ASCO	PC	1,00
023	ME309255.073	THREADED FASTENER, M 4X6	PC	18,00
024	V618.28-00-09.1	MICRO SWITCH 1 HOLDER	PC	1,00
025	ME374415.015	MICRO SWITCH, OMRON SS-5GL2	PC	6,00
026	ME309251.114	THREADED FASTENER, M 4X6, DECORATIVE	PC	4,00
027	ME311214.025	WASHER, P 4	PC	4,00
028	ME311210.028	WASHER, P 4.3	PC	8,00
029	ME311180.015	NUT, M 4	PC	6,00
030	ME309251.092	THREADED FASTENER, M 5X10, DECORATIVE	PC	4,00
031	ME309543.122	THREADED FASTENER, M 6X20	PC	2,00
032	ME311210.027	WASHER, P 6.4	PC	2,00
033	ME311218.001	WASHER, P 6, BULGING	PC	2,00
034	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	8,00
036	ME311000.001	LOCK RING P 3.2	PC	12,00
037	ME311733.011	LOCK RING P 25	PC	1,00
038	ME273141.017	STOP, P4 EMICO	PC	12,00
039	ME309251.078	THREADED FASTENER, M 3X8	PC	4,00
040	ME309255.071	THREADED FASTENER, M 2X10	PC	12,00
041	ME311210.034	WASHER, P 2.2	PC	12,00
042	ME311120.081	NUT, M 2	PC	12,00
043	V618.28-00-43	EXTENSION L=59.6 mm	PC	2,00
044	ME311280.006	WASHER, P 6.4	PC	2,00
045	V618.28-00-45	HOLDER, FRONT EXTENSION 1	PC	1,00
046	V618.28-00-46	HOLDER, FRONT EXTENSION 2	PC	1,00
047	V618.28-48-00	CLAMP	PC	2,00
049	ME309543.070	THREADED FASTENER, M 4X8	PC	2,00
050	V618.28-00-50	COVER FOIL FOR EL. TABLE	PC	1,00
051	ME309543.068	THREADED FASTENER, M 4X8	PC	8,00
053	V618.28-00-53	DISPLAY HOLDER BASE	PC	1,00

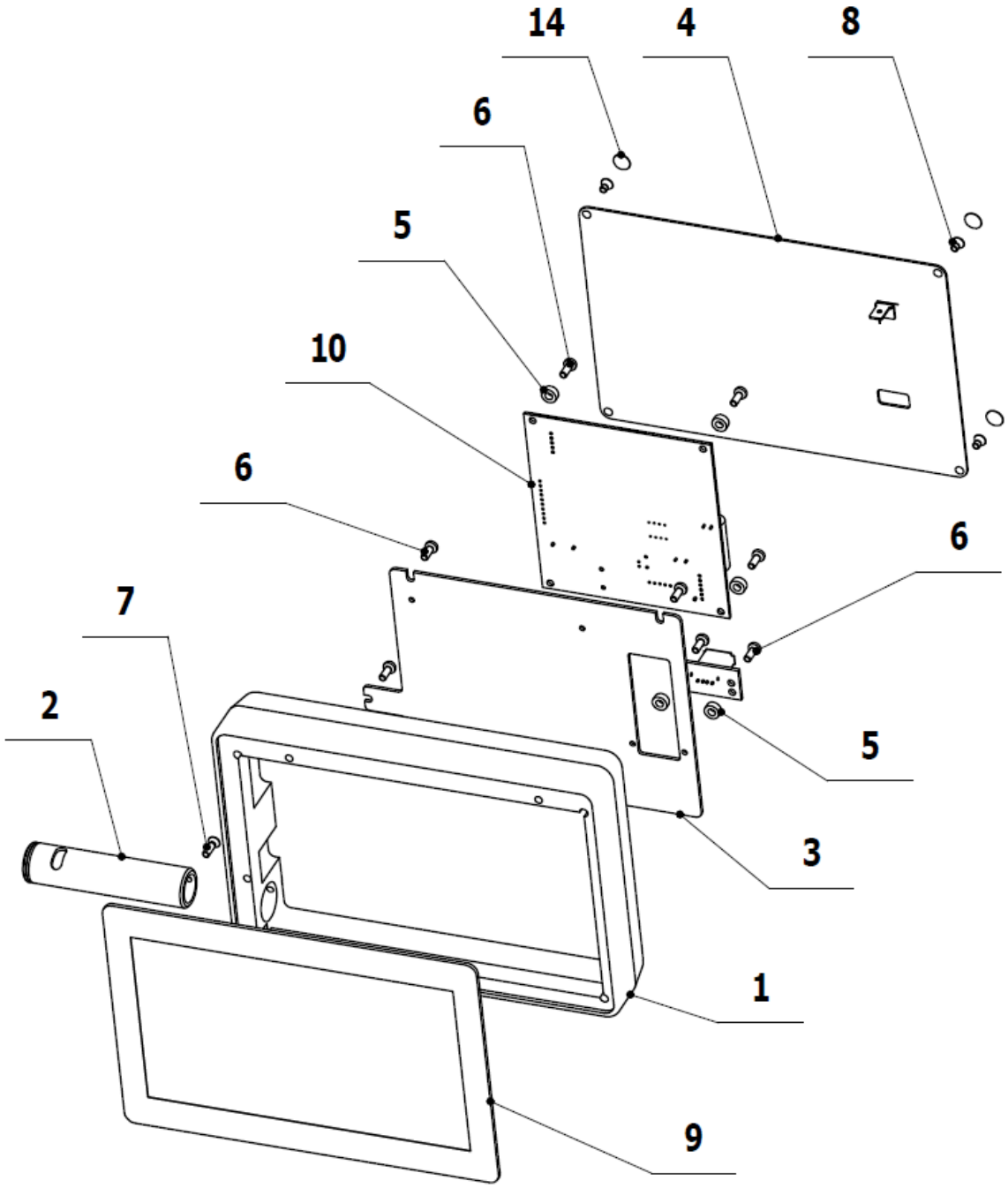
055	ME336401.032	ADAPTER 4PX230-1	PC	2,00
056	V618.28-00-56	GASKET	PC	1,00
058	ME336401.002	ADAPTER 4PX210-1	PC	1,00
059	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0,03
060	V635.28-60-00	ELECTRONICS BASE PLATE, COMPLETE	PC	1,00
061	ME371418.016	PLASTIC SPACER POST M3x10	PC	4,00
062	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	6,00
088	V600.8-00-88	PLUG, P2 - 5	PC	1,00
901	ME374000.399	MB_LUX14 MODULE 2.X	PC	1,00
902	V635.28-90-01.1	WIRES, REMOVAL SENSORS	PC	1,00
903	ME341419.024	STRIPED WIRE, 51 mm	PC	1,00
904	ME374010.066	CABLE DP-MB_LUX	PC	1,00
905	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	1,00
906	ME397900.012	CABLE TIE, F 0301 CV-094	PC	15,00
907	ME345711.034	CLAMP, F0505 HC 101	PC	4,00
909	ME283362.118	PVC INSULATING SLEEVE, 2.5X0.5, GREY	M	0,12
910	ME205292.009	FERRITE FS-2	PC	1,00
911	V629.28-90-01	WIRE, GNYE	PC	1,00
912	V630.30-90-01	WIRE, GNYE	PC	1,00
913	ME374000.407	MODULE, RCD-24-0 - 50	PC	1,00

>> DENTIST'S TRAY CONTROLS - V635.28-18-00



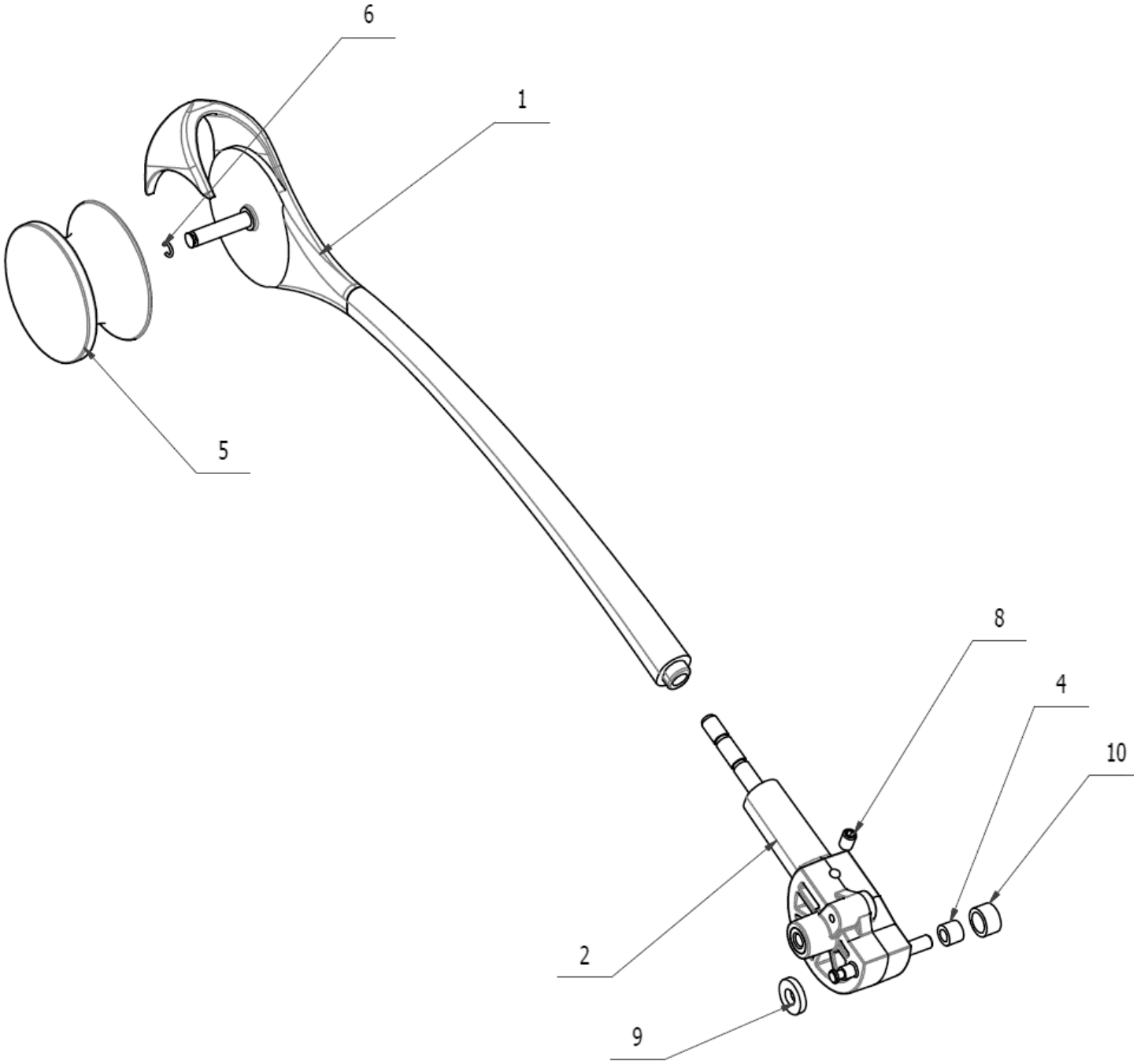
Pos.	Item no.	Product name	Unit	Quantity
001	V618.28-00-17.2	DISPLAY HOLDER, RIGHT / WHT1	PC	1.00
002	V635.28-18-02	DISPLAY HOLDER	PC	1.00
003	V635.28-18-03	DENTIST'S HANDLE, RIGHT / DENTIST'S HANDLE, RIGHT	PC	1.00
004	V635.28-18-04	HANDLE COVER / HANDLE COVER	PC	1.00
005	ME321822.079	HANDLE COVER, RP 71991/60U white	PC	1.00
006	ME309543.129	THREADED FASTENER, M 4X16	PC	3.00
007	ME309543.091	THREADED FASTENER, M 4X30	PC	1.00
008	ME309287.025	THREADED FASTENER, M 4X8	PC	1.00
009	ME345001.003	TAMPER-RESISTANT BUTTON, IP 65	PC	1.00
901	ME341419.001	WIRE, LiY 0.25 BK - 4126001S	M	0.70
902	ME374000.146	CONNECTOR STRIP, BL 1X36PZ	PC	0.06
904	ME243422.003	SHRINK-FIT INSUL. SLEEVE, P1.6, CLEAR	M	0.06

>> EXTERNAL CAPACITIVE DISPLAY - V636.28-10-00



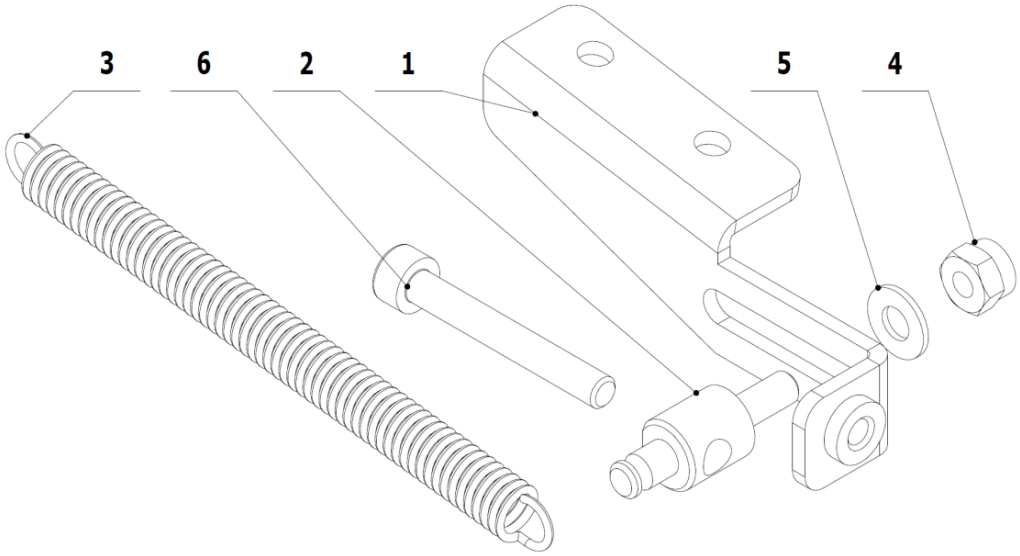
Pos.	Item no.	Product name	Unit	Quantity
001	V636.28-10-01	DISPLAY FRAME / EXTERNAL DISPLAY	PC	1.00
002	V636.28-10-02	DISPLAY STUD	PC	1.00
003	V636.28-10-03	BOARD FOR DB LUX	PC	1.00
004	V636.28-11-00	REAR COVER, COMPLETE / WHT1	PC	1.00
005	ME371418.008	SPACER POST, KDR 03	PC	6.00
006	ME309255.036	THREADED FASTENER, M 3X8	PC	9.00
007	ME309251.094	THREADED FASTENER, M 3X10	PC	1.00
008	ME309543.109	THREADED FASTENER, M 3X5	PC	4.00
009	ME345571.057	CAPACITATIVE SCREEN	PC	1.00
010	ME374000.401	DP_LUX9 2.X MODULE	PC	1.00
011	ME374000.326	USB-ASSEMBLY_LUX	PC	1.00
014	ME735010.038	SELF-ADHESIVE BLANK	PC	4.00

>>WHIP - V618.28-03-00.1



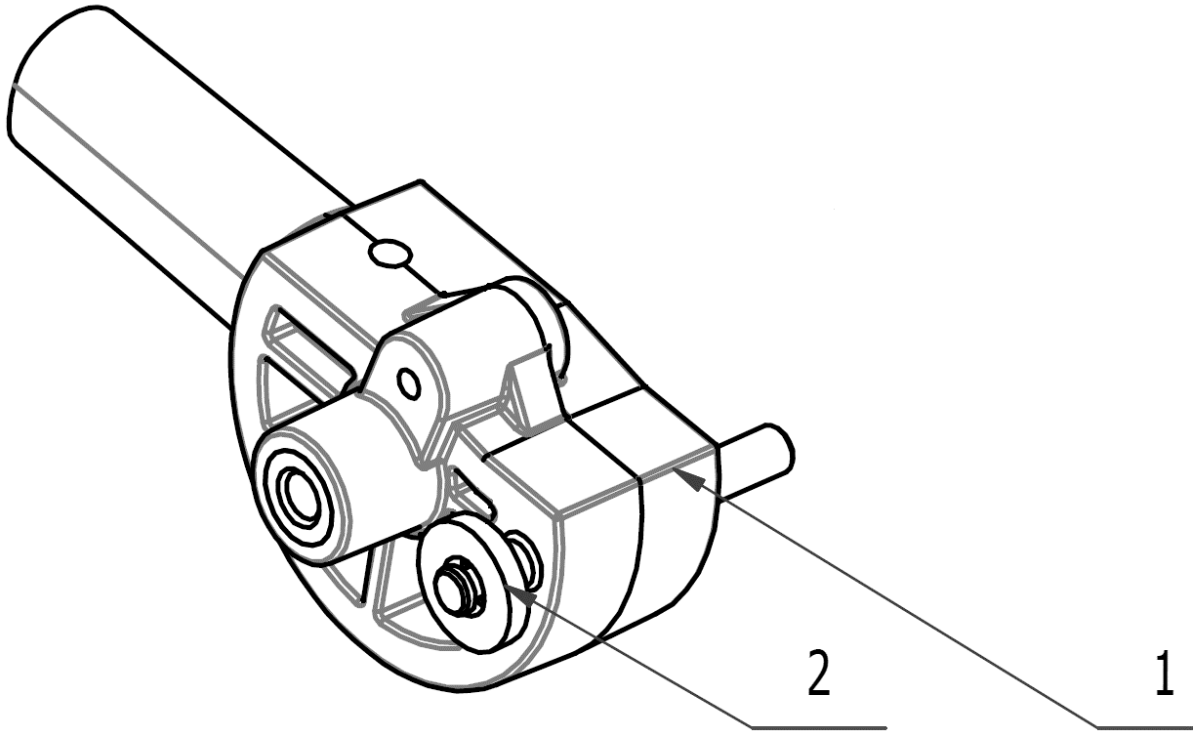
Pos.	Item no.	Product name	Unit	Quantity
001	V618.28-04-00	WHIP - BODY	PC	1.00
002	V618.28-05-00.1	WHIP DRUM	PC	1.00
004	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.01
005	ME321821.129	WHIP REEL, PA6-DURETAN BM240H3.0 038/8	PC	1.00
006	ME311732.013	RING, PDK 004 AKV - STAINLESS	PC	1.00
008	ME309543.100	THREADED FASTENER, M 4X6	PC	1.00
009	ME397522.008	T WASHER 11/5/2 mm FIBER	PC	1.00
010	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.01

>>RUNNING MECHANISM V618.28-07-00



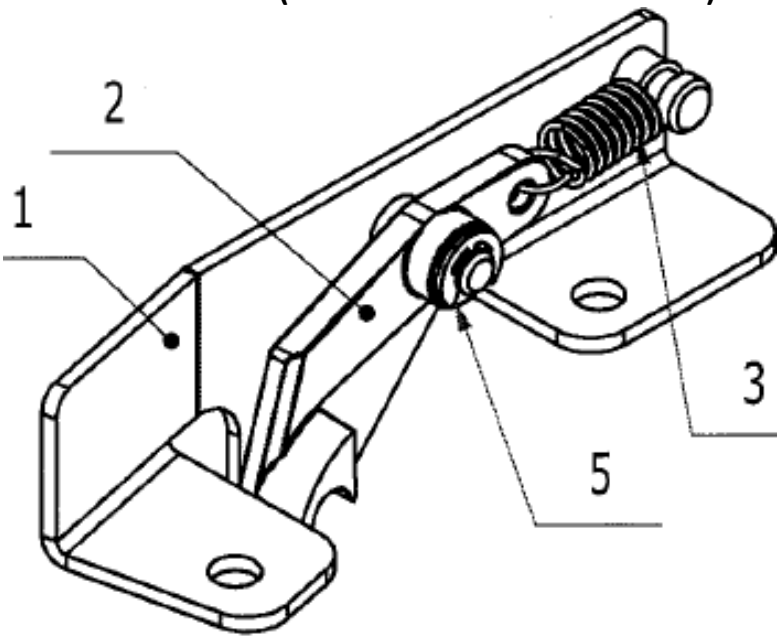
Pos.	Item no.	Product name	Unit	Quantity
001	V618.28-07-00.A	RUNNING MECH. HOLDER COMPLETE	PC	1.00
002	V618.28-07-02	TENSIONER	PC	1.00
003	ME315000.112	EXTENSION SPRING TZ 1250x088x0637	PC	1.00
004	ME311120.098	NUT, M4	PC	1.00
005	ME311210.028	WASHER, P 4.3	PC	1.00
006	ME309543.091	THREADED FASTENER, M 4X30	PC	1.00

▶SP: WHIP DRUM - V690.00-89-00



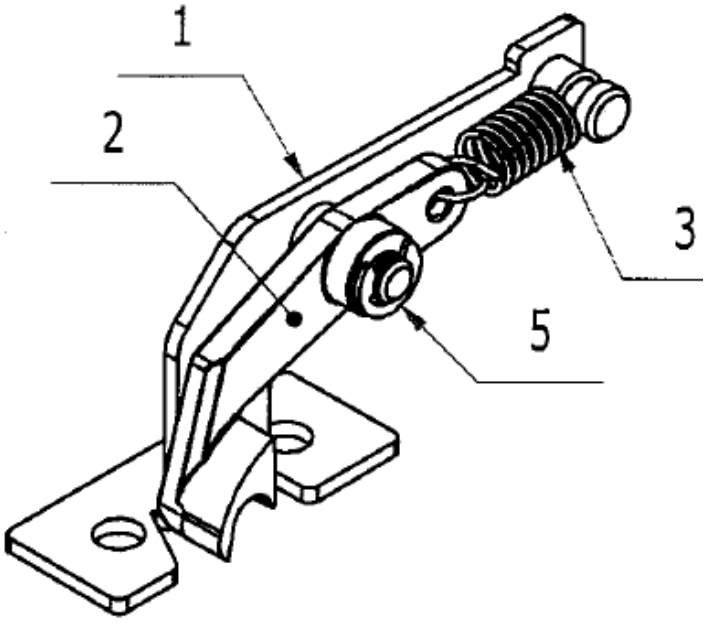
Pos.	Item no.	Product name	Unit	Quantity
001	V618.28-05-00.1	WHIP DRUM	PC	1.00
002	ME397522.008	T WASHER 11/5/2 mm FIBER	PC	2.00

WHIP STOP DA370 (first instrument from the left)- V618.54-00-00.1



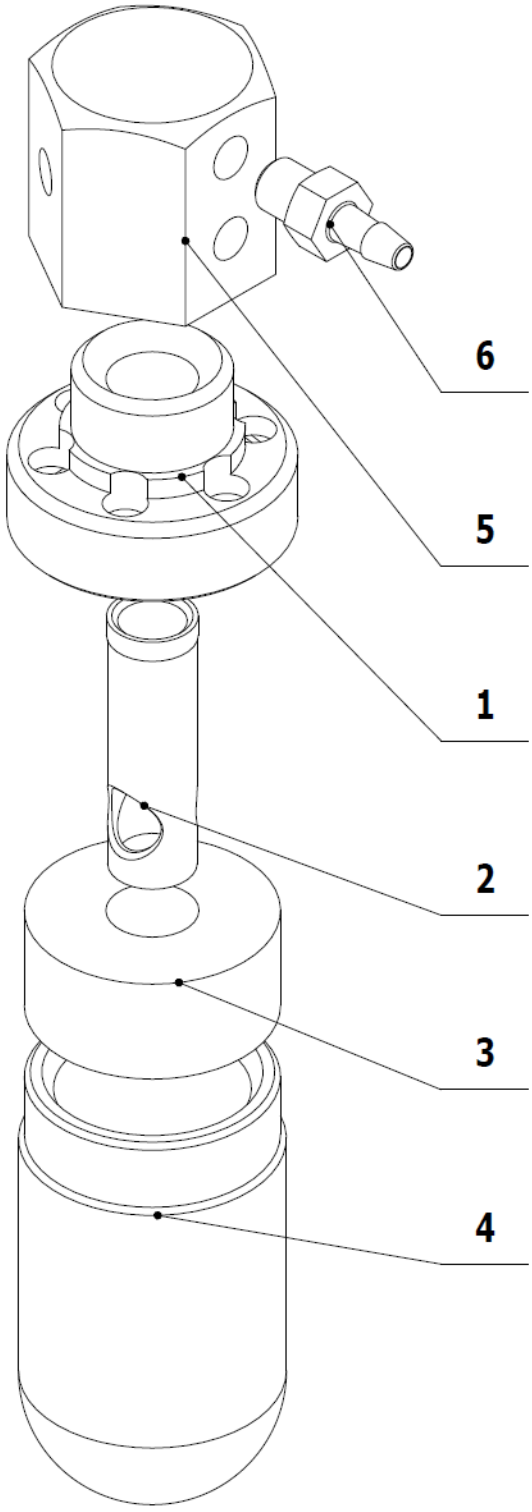
Position	Item no.	Product name	Unit	Quantity
001	V618.54-01-00.1	OUTER LATCH CONSOLE	PC	1.00
002	ME321822.078	LATCH	PC	1.00
003	ME315000.125	SPRING, TZ 0.63x6x15.9x9.25	PC	1.00
005	ME311000.001	LOCK RING P 3.2	PC	1.00

WHIP STOP DA370 (second to sixth instruments from the left)- V618.54-00-00



Position	Item no.	Product name	Unit	Quantity
001	V618.54-01-00	LATCH CONSOLE	PC	1.00
002	ME321822.078	LATCH	PC	1.00
003	ME315000.125	SPRING, TZ 0.63x6x15.9x9.25	PC	1.00
005	ME311000.001	LOCK RING P 3.2	PC	1.00

>>TANK, COMPLETE - V622.28-69-00

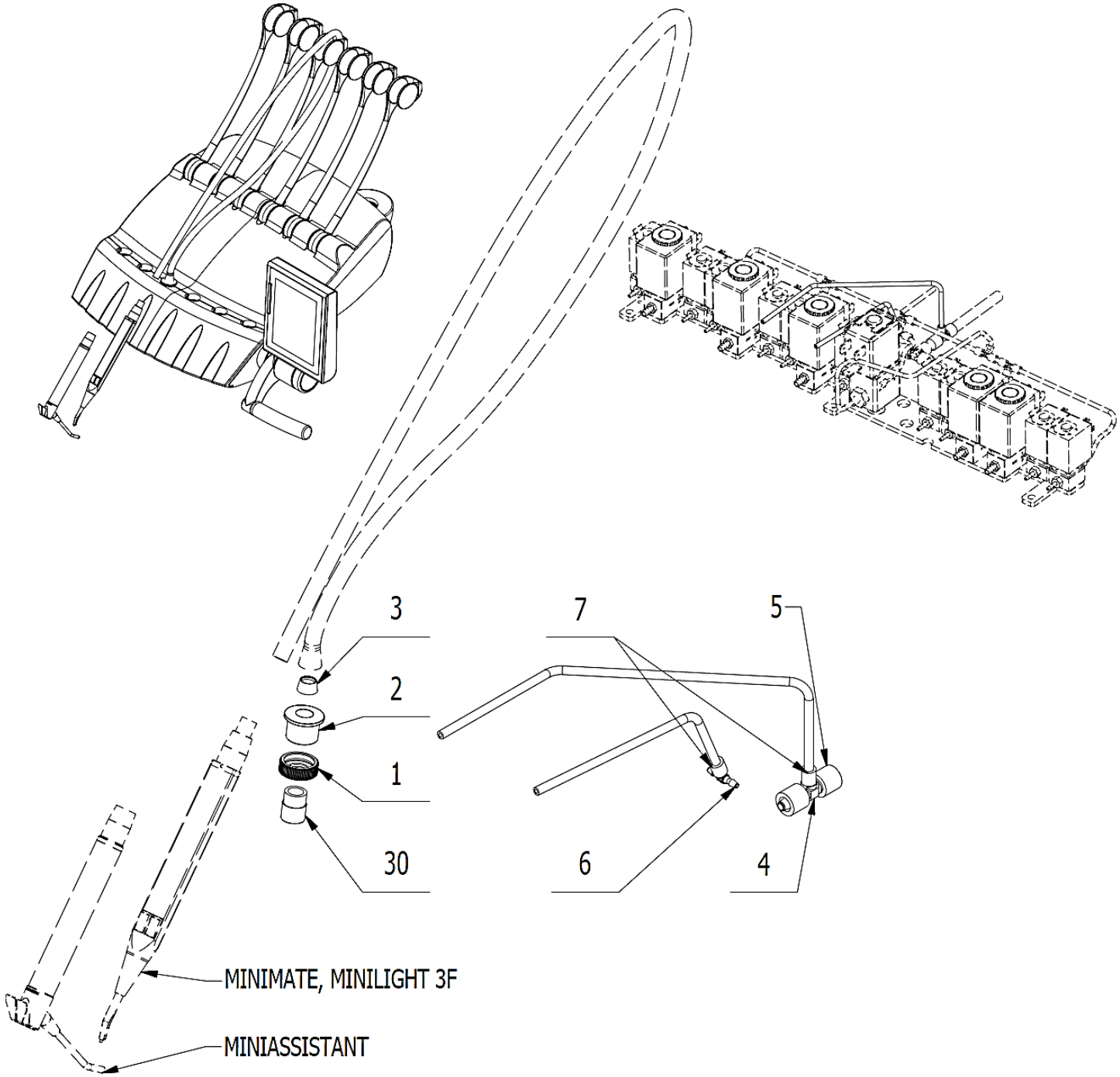


Pos.	Item no.	Product name	Unit	Quantity
001	V622.28-69-01	TANK PORT	PC	1,00
002	V622.28-69-02	NOZZLE	PC	1,00
003	ME273114.031	FILTER	PC	1,00
004	V605.02-60-01	TANK	PC	1,00
005	V622.28-69-05	TANK NUT	PC	1,00
006	ME336401.009	ADAPTER M5220-1	PC	1,00

E4.2 – DA370 - Control panel accessories

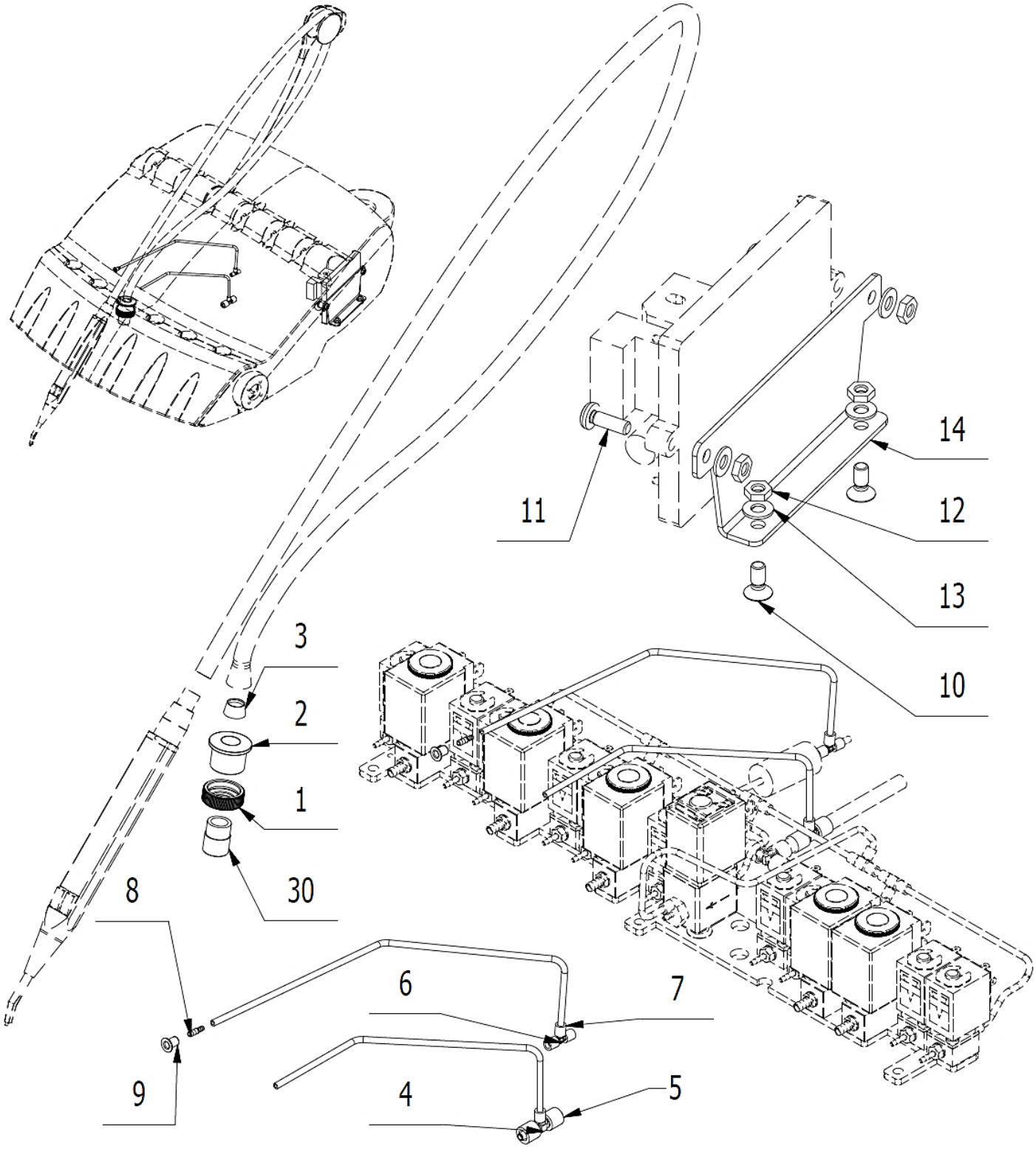
1 – Syringes

MINIMATE, MINIASSISTANT, MINILIGHT 3F ACCESSORY - V618.30-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1,00
002	ME273121.037	HOSE BUSHING, P11	PC	1,00
003	V602.50-00-04	INSERT, 1	PC	1,00
004	ME336401.027	ADAPTER T230/210-1	PC	1,00
005	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0,02
006	ME336401.015	ADAPTER T210-1	PC	1,00
007	V608.45-00-08	LOCK RING, 1	PC	5,00
030	V618.30-00-01	HOSE CLAMP	PC	1,00

MINILIGHT 6F ACCESSORY - V618.32-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1,00
002	ME273121.037	HOSE BUSHING, P11	PC	1,00
003	V602.50-00-04	INSERT, 1	PC	1,00
004	ME336401.027	ADAPTER T230/210-1	PC	1,00
005	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0,02
006	ME336401.015	ADAPTER T210-1	PC	1,00
007	V608.45-00-08	LOCK RING, 1	PC	5,00
008	V602.64-00-06	REDUCER, P2.5/P2	PC	1,00

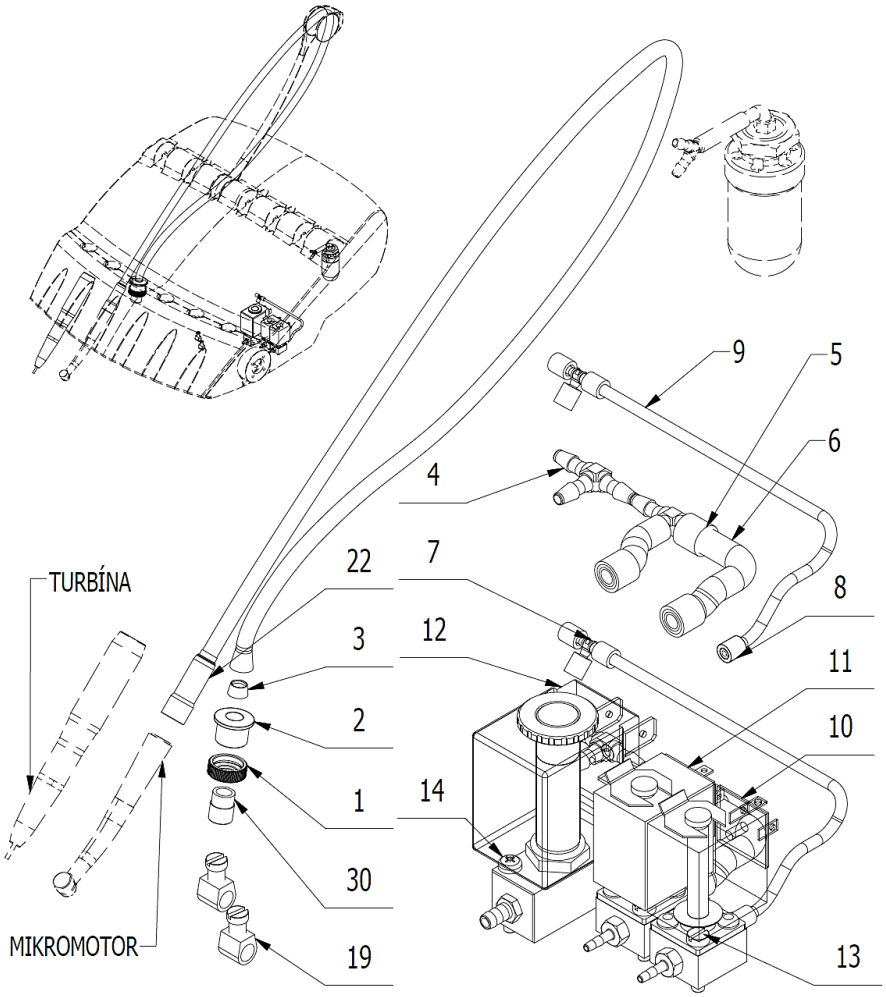
009	ME548212.011	FERRULE, 4X6	PC	1,00
010	ME309251.066	THREADED FASTENER, M 4X10	PC	2,00
011	ME309543.072	THREADED FASTENER, M 4X12	PC	2,00
012	ME311180.015	NUT, M 4	PC	4,00
013	ME311210.028	WASHER, P 4.3	PC	4,00
014	V618.28-00-52	PLATE FOR MOUNTING PRINTED CIRCUIT BOARDS 1	PC	1,00
030	V618.30-00-01	HOSE CLAMP	PC	1,00
901	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	2,00

Note

- Adjust hose length to the position of the instrument.
- Use a lock ring (position 7) to connect the hoses from instruments to the valves.
- If no heater is connected, connect the Syringe to the water supply hose upstream of the inlet into the proportional valve.

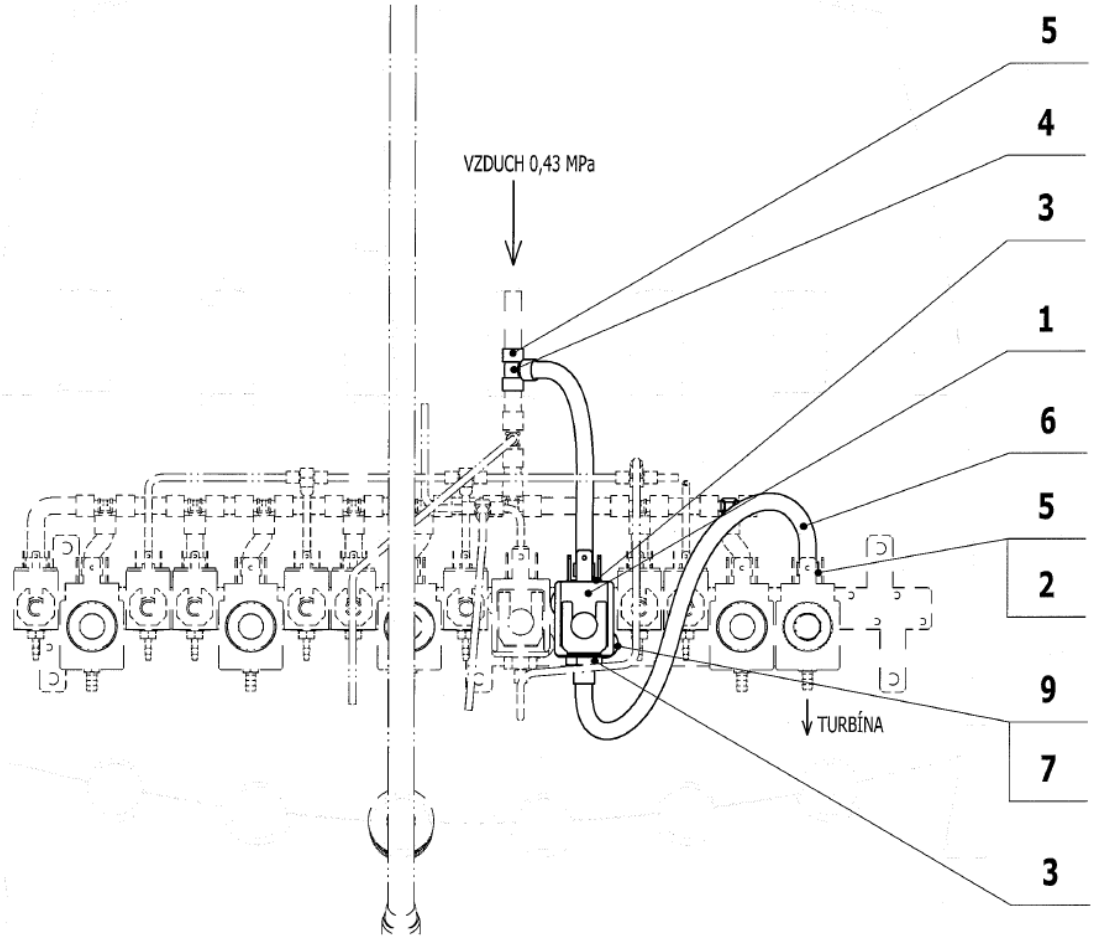
2 – Turbine instruments

MIDWEST S TURBINE AND LIGHT HOSE ACCESSORY - V618.35-00-00 K-002



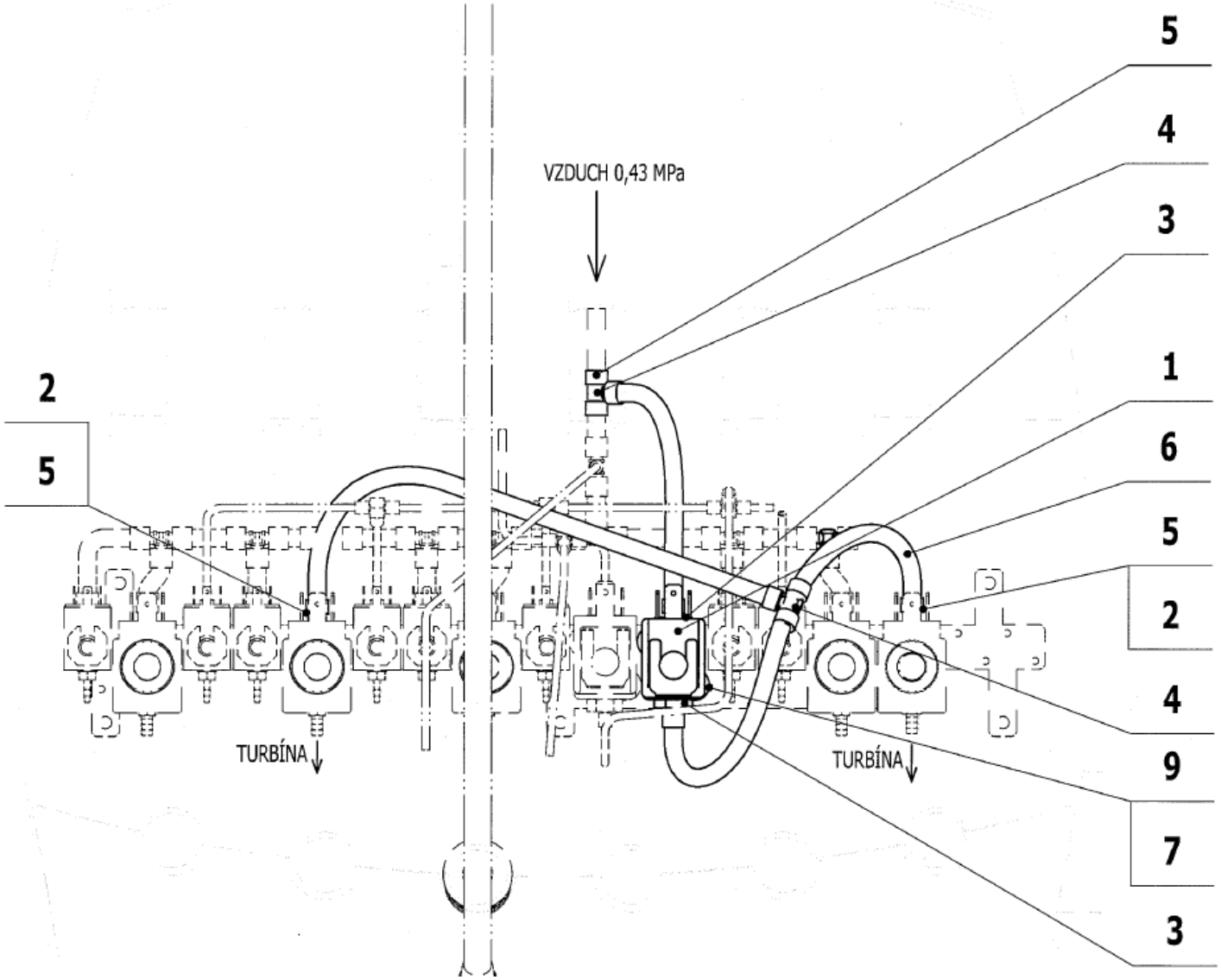
Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1,00
010	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
009	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0,22
008	V608.45-00-08	LOCK RING, 1	PC	6,00
002	ME273121.037	HOSE BUSHING, P11	PC	1,00
003	V602.50-00-04	INSERT, 1	PC	1,00
004	ME336401.029	ADAPTER T230-1	PC	2,00
005	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0,17
006	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0,27
007	ME336401.015	ADAPTER T210-1	PC	1,00
011	V619.28-43-00	SOLENOID VALVE, SIRAI 1, COMPLETE	PC	1,00
012	V619.28-41-00	SOLENOID VALVE, JAKŠA, COMPLETE	PC	1,00
013	ME309231.019	THREADED FASTENER, M 3X14	PC	4,00
014	ME309255.077	THREADED FASTENER, M 3X18	PC	2,00
019	V629.28-00-03	RESTRICTOR, MODIFIED	PC	2,00
022	V702.00-00-00.7	MIDWEST HOSE, GREY, 1050	PC	1,00
030	V618.30-00-01	HOSE CLAMP	PC	1,00
901	V629.35-90-01	WIRES, YV - ASSEMBLY	PC	1,00
902	V400.01-01-40	LABEL, TEXT	PC	3,00

ACCESSORY FOR TURBINE WITH REGULATION - V618.55-00-00 K-002



Pos.	Item no.	Product name	Unit	Quantity
001	ME551114.004	PROPORTIONAL VALVE, ASCO SCG202A207V	PC	1.00
002	V625.32-00-02	BUSHING, M5	PC	1.00
003	V625.32-00-03	ASCO BUSHING	PC	2.00
004	ME336401.011	ADAPTER T40-1	PC	2.00
005	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.03
006	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.50
007	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	2.00
009	ME273121.042	BUSHING, TYPE F2, 5X3	PC	2.00
901	ME374100.077	PROP. AIR VALVE WIRES	PC	1.00
902	ME374000.407	MODULE, RCD-24-0 - 50	PC	1.00
903	V400.01-01-40	LABEL, TEXT	PC	1.00

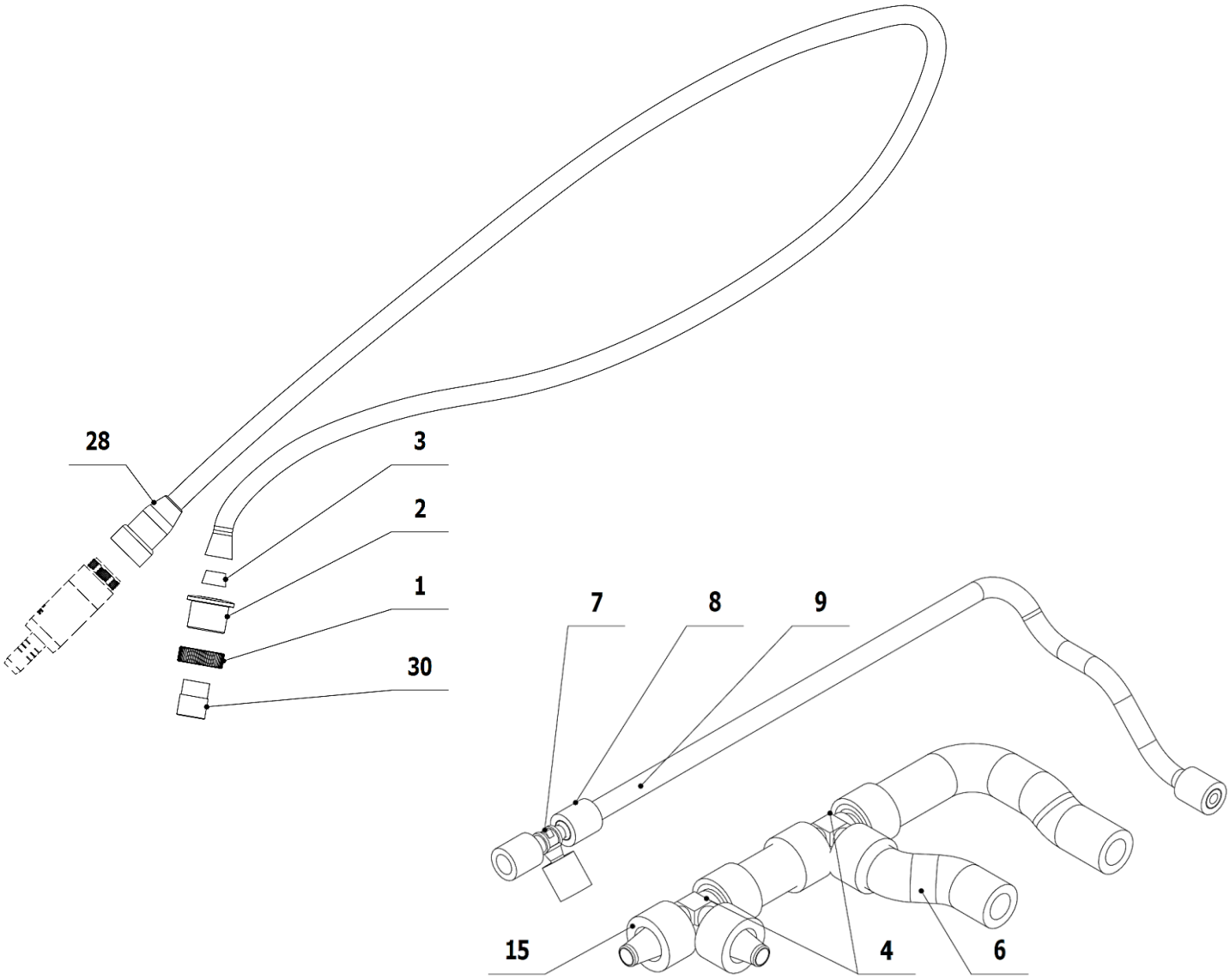
ACCESSORY FOR 2 TURBINES WITH REGULATION - V618.55-00-00 K-002

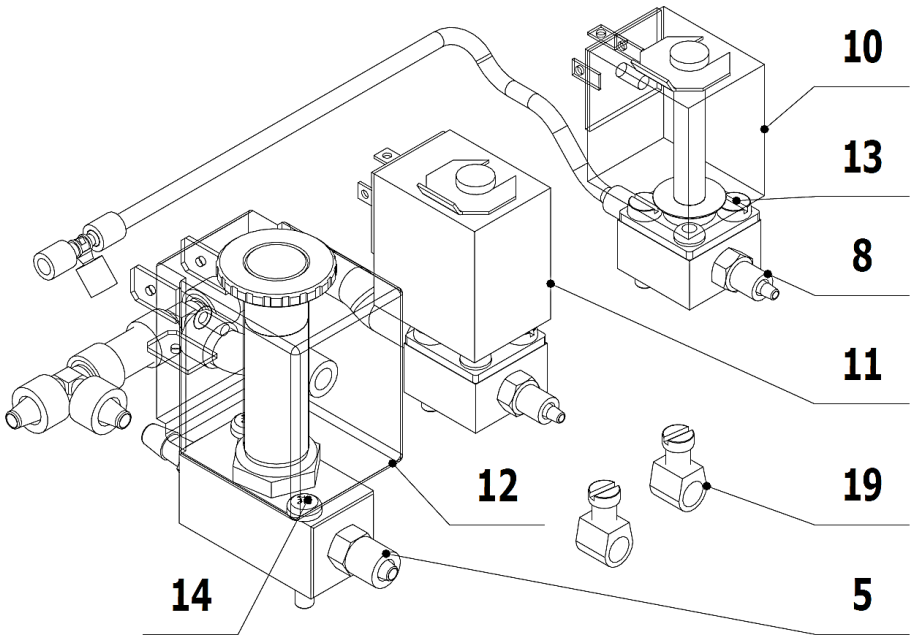


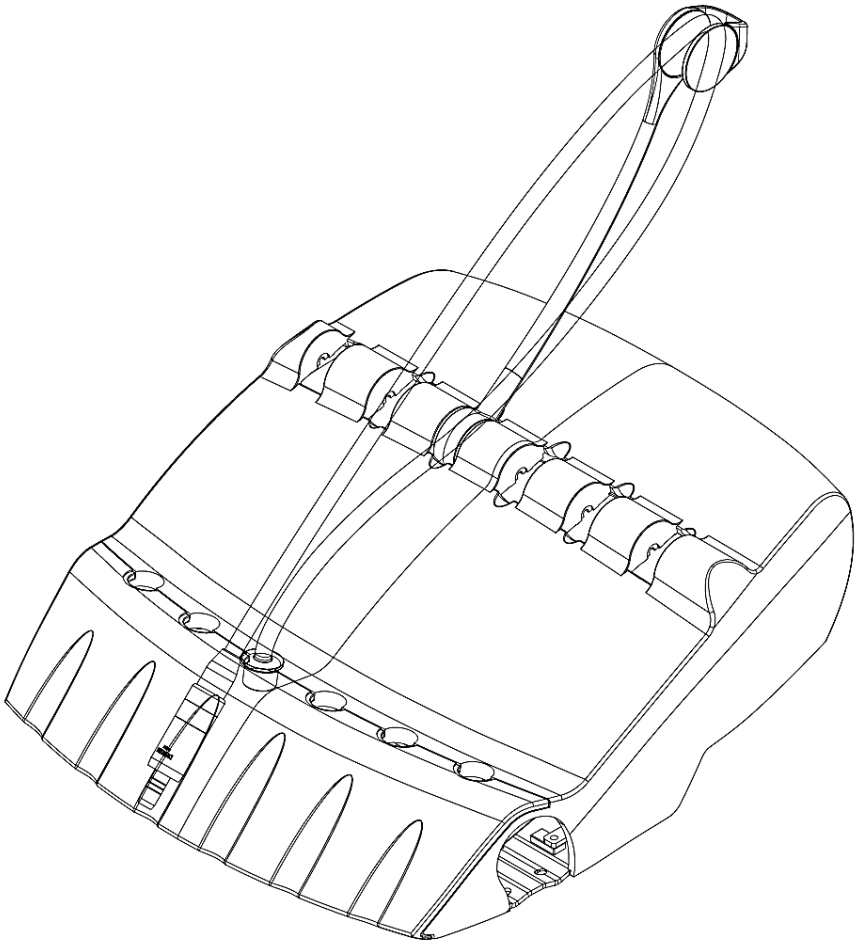
Pos.	Item no.	Product name	Unit	Quantity
001	ME551114.004	PROPORTIONAL VALVE, ASCO SCG202A207V	PC	1.00
002	V625.32-00-02	BUSHING, M5	PC	2.00
003	V625.32-00-03	ASCO BUSHING	PC	2.00
004	ME336401.011	ADAPTER T40-1	PC	2.00
005	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.05
006	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.83
007	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	2.00
009	ME273121.042	BUSHING, TYPE F2, 5X3	PC	2.00
901	ME374100.077	PROP. AIR VALVE WIRES	PC	1.00
902	ME374000.407	MODULE, RCD-24-0 - 50	PC	1.00
903	V400.01-01-40	LABEL, TEXT	PC	1.00

3 – Micro motors

ACCESSORY FOR DX and DX BLUE MICRO MOTORS - V635.39-00-00



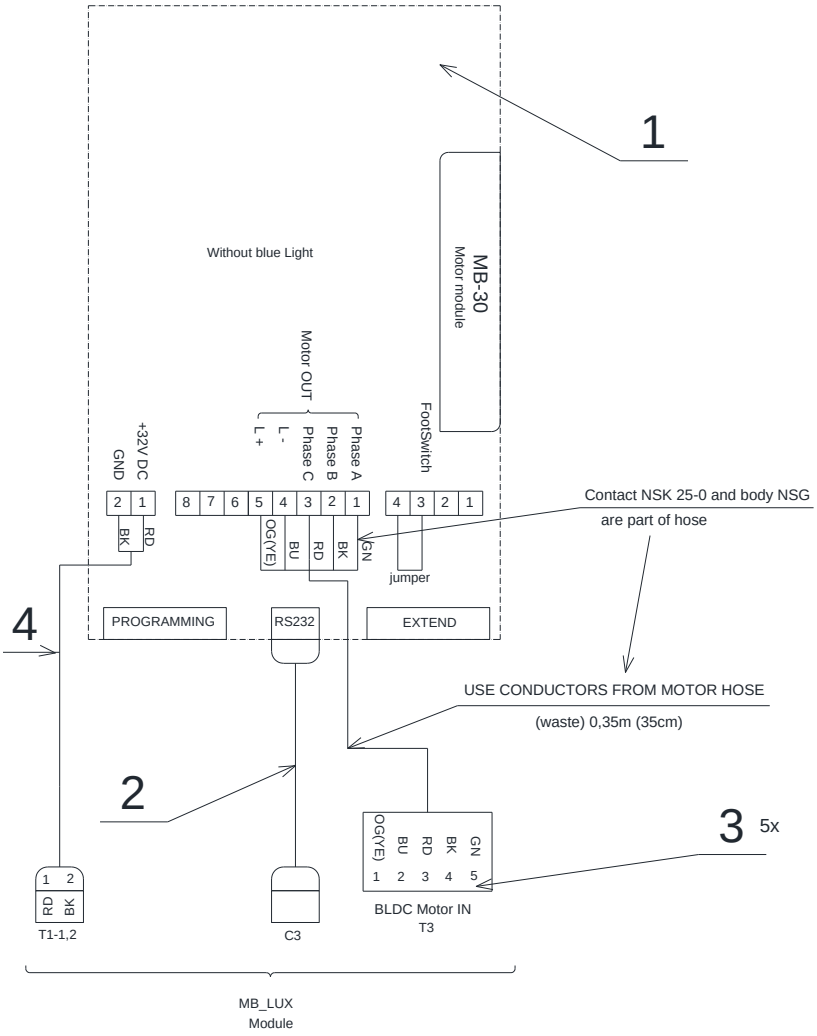


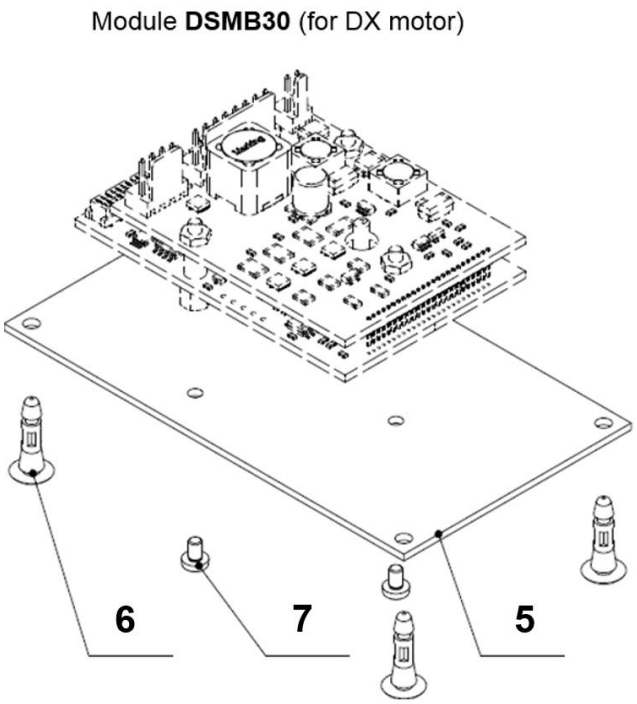


Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1.00
002	ME273121.037	HOSE BUSHING, P11	PC	1.00
003	V602.50-00-04	INSERT, 1	PC	1.00
004	ME336401.029	ADAPTER T230-1	PC	2.00
005	V606.41-00-21	LOCKING RING	PC	1.00
006	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.27
007	ME336401.015	ADAPTER T210-1	PC	1.00
008	V608.45-00-08	LOCK RING, 1	PC	6.00
009	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.11
010	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
011	V619.28-43-00	SOLENOID VALVE, SIRAI 1, COMPLETE	PC	1.00
012	V630.39-01-00	SOLENOID VALVE, JAKŠA, COMPLETE	PC	1.00
013	ME309231.019	THREADED FASTENER, M 3X14	PC	4.00
014	ME309255.077	THREADED FASTENER, M 3X18	PC	2.00
015	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.08
019	V629.28-00-03	RESTRICTOR, MODIFIED	PC	2.00
028	DSHO35	HOSE, DX	PC	1.00
030	V618.30-00-01	HOSE CLAMP	PC	1.00
901	V629.35-90-01	WIRES, YV - ASSEMBLY	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	3.00
903	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00

DSMB30 MODULE ELECTRICAL CONNECTIONS FOR THE DX MOTOR - V629.28-90-32

(only necessary for the first DX motor)

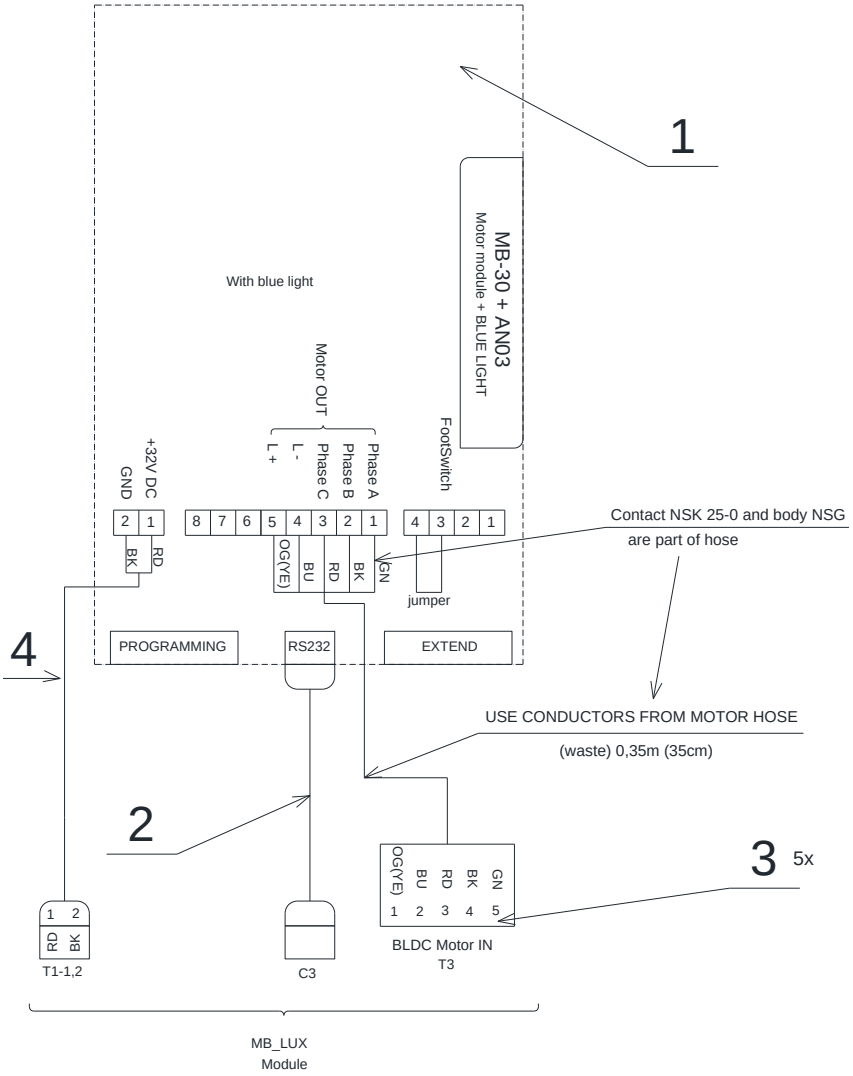




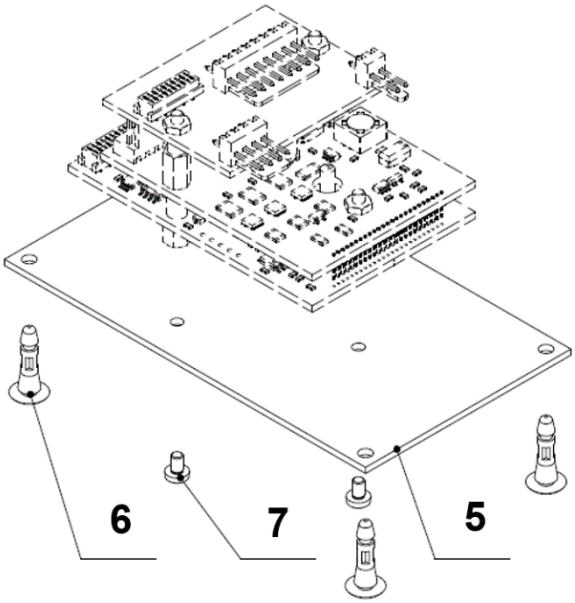
Pos.	Item no.	Product name	Unit	Quantity
001	DSMB30	DX MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00
005	V629.39-00-16	BOARD FOR THE DX	PC	1.00
006	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00
007	ME309255.106	THREADED FASTENER, M 2.5x4	PC	4.00

DSMB30 + AN03 MODULE ELECTRICAL CONNECTIONS FOR THE DX BLUE MOTOR - V629.28-90-32.1

(only necessary for the first DX BLUE motor)

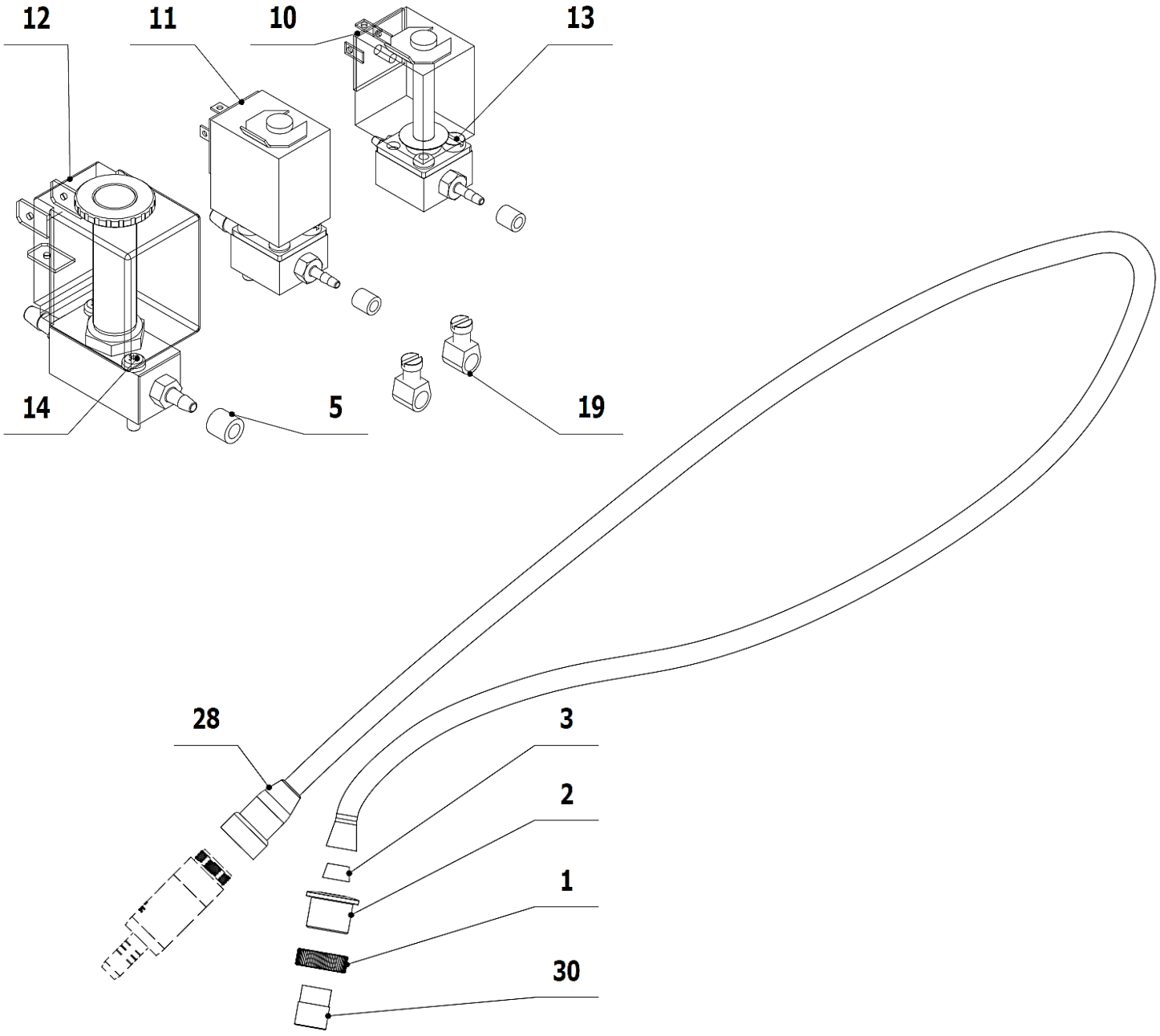


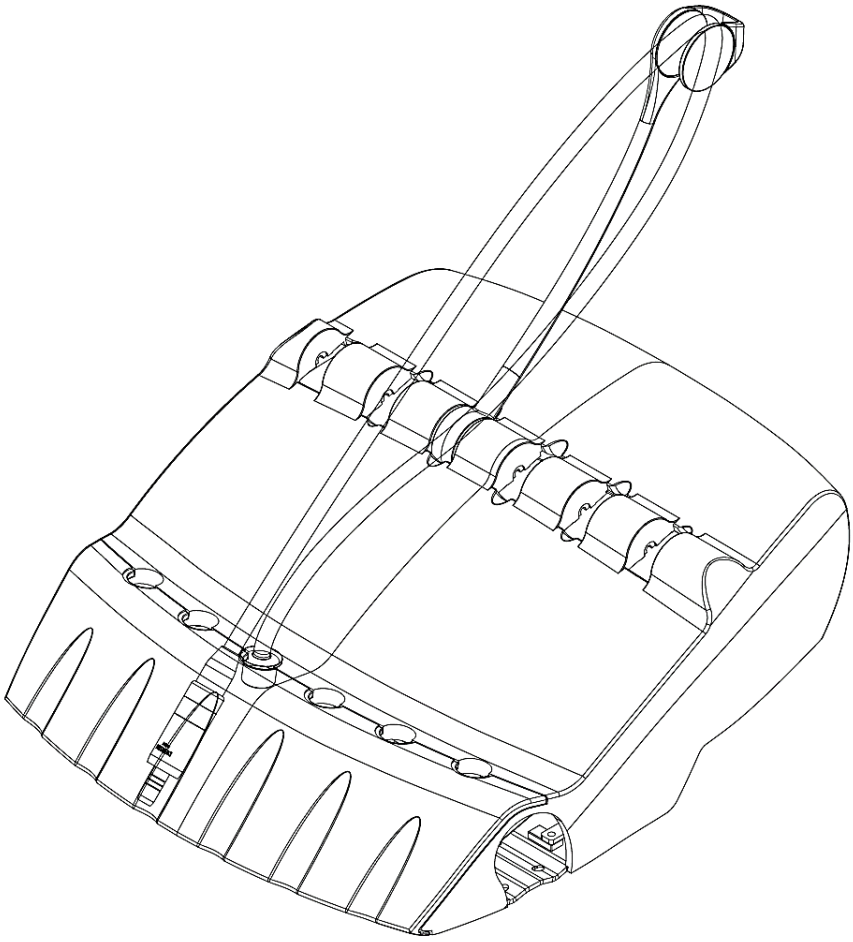
Module **DSMB30 BLUE** (for DX BLUE motor)



Pos.	Item no.	Product name	Unit	Quantity
001	DSMB30BLUE	DX BLUE MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00
005	V629.39-00-16	BOARD FOR THE DX	PC	1.00
006	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00
007	ME309255.106	THREADED FASTENER, M 2.5x4	PC	4.00

ACCESSORY FOR DX PRO and DX PRO BLUE MICRO MOTORS - V635.39-00-00.1

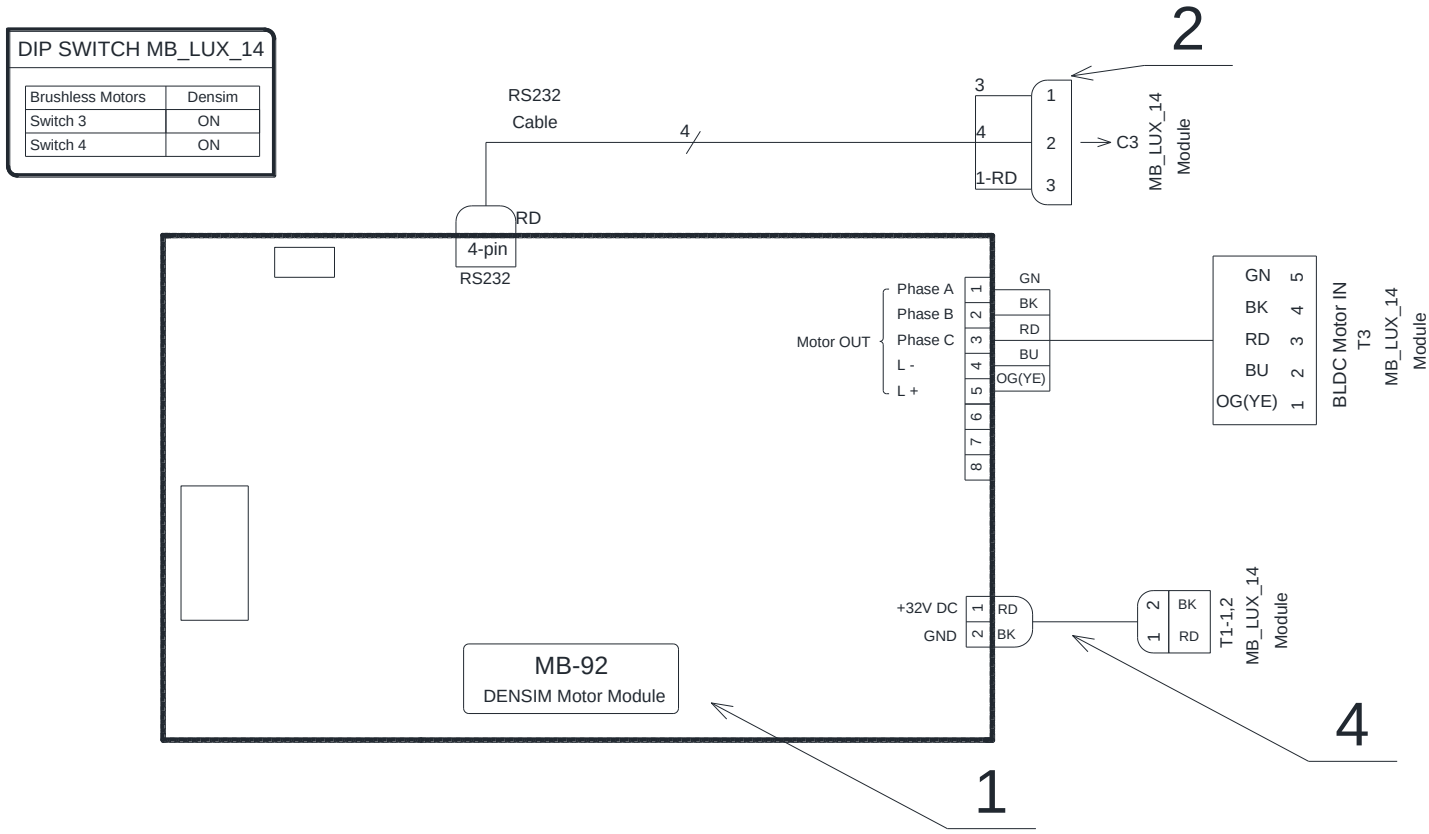




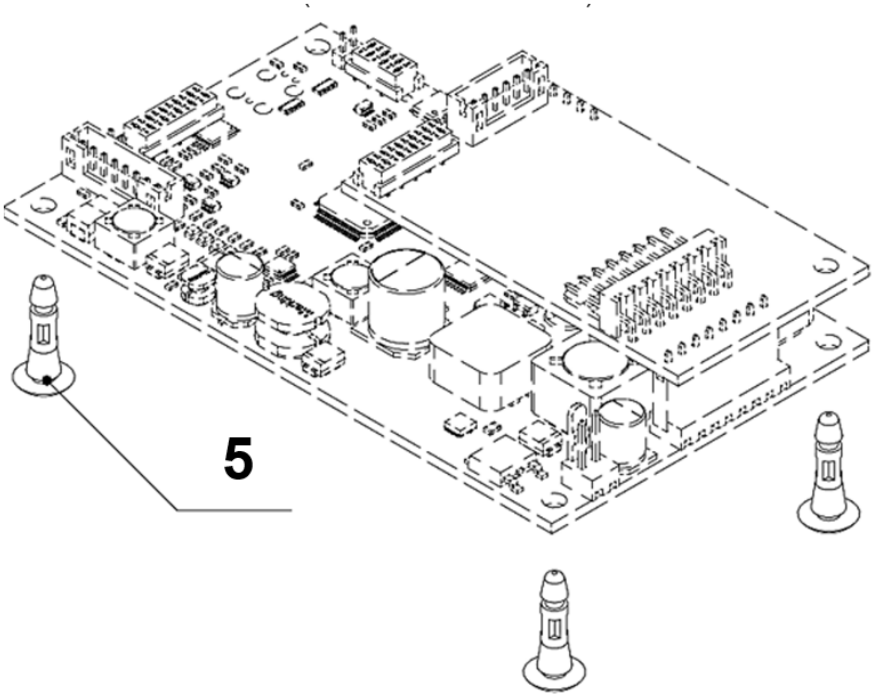
Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1.00
002	ME273121.037	HOSE BUSHING, P11	PC	1.00
003	V602.50-00-04	INSERT, 1	PC	1.00
004	ME336401.029	ADAPTER T230-1	PC	2.00
005	V606.41-00-21	LOCKING RING	PC	1.00
006	ME345711.028	HOSE, PUR 3.8/6.4 BLUE	m	0.27
007	ME336401.015	ADAPTER T210-1	PC	1.00
008	V608.45-00-08	LOCK RING, 1	PC	6.00
009	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.11
010	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1.00
011	V619.28-43-00	SOLENOID VALVE, SIRAI 1, COMPLETE	PC	1.00
012	V630.39-01-00	SOLENOID VALVE, JAKŠA, COMPLETE	PC	1.00
013	ME309231.019	THREADED FASTENER, M 3X14	PC	4.00
014	ME309255.077	THREADED FASTENER, M 3X18	PC	2.00
015	ME343415.031	SILICONE HOSE, 5 X 1.5, GREY	M	0.08
019	V629.28-00-03	RESTRICTOR, MODIFIED	PC	2.00
028	DSHO35	HOSE, DX	PC	1.00
030	V618.30-00-01	HOSE CLAMP	PC	1.00
901	V629.35-90-01	WIRES, YV - ASSEMBLY	PC	1.00
902	V400.01-01-40	LABEL, TEXT	PC	3.00
903	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00

MB92 MOTOR MODULE ELECTRICAL CONNECTIONS FOR DX PRO MOTORS - V629.28-90-32

(only necessary for the first DX PRO or DX SRG motor)



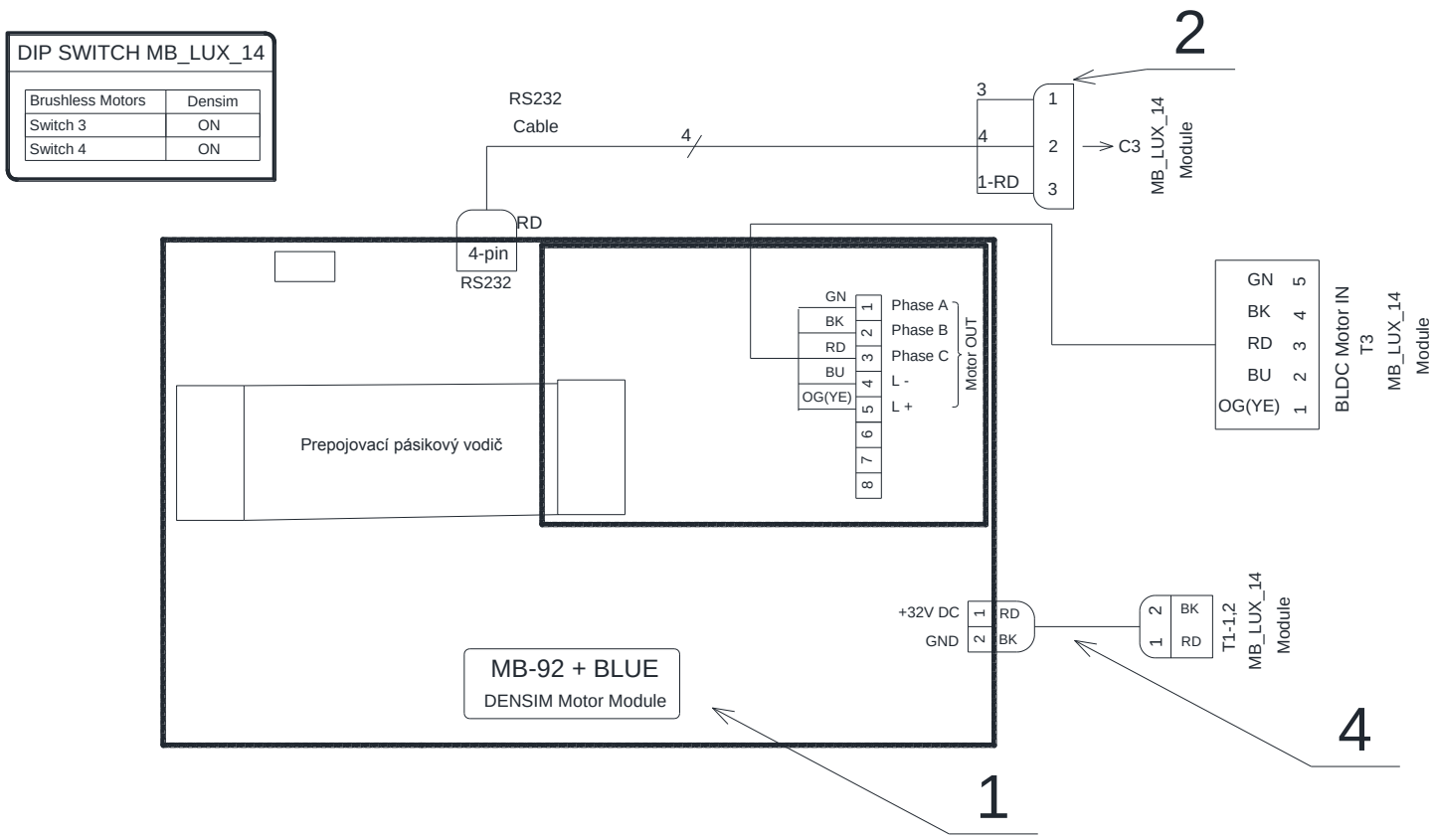
Module **DSMB92** (for DX PRO or DX SRG motor)



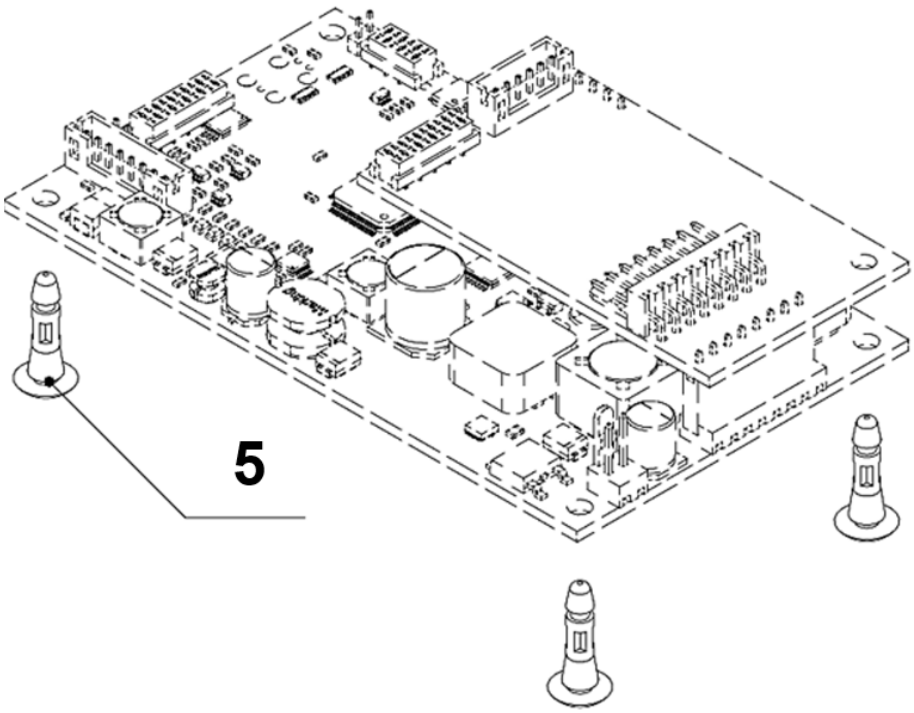
Pos.	Item no.	Product name	Unit	Quantity
001	DSMB92	DX PRO MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00
005	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00

DSMB92 BLUE MOTOR MODULE ELECTRICAL CONNECTIONS FOR DX PRO BLUE MOTORS - V629.28-90-32.3

(only necessary for the first DX PRO BLUE motor)



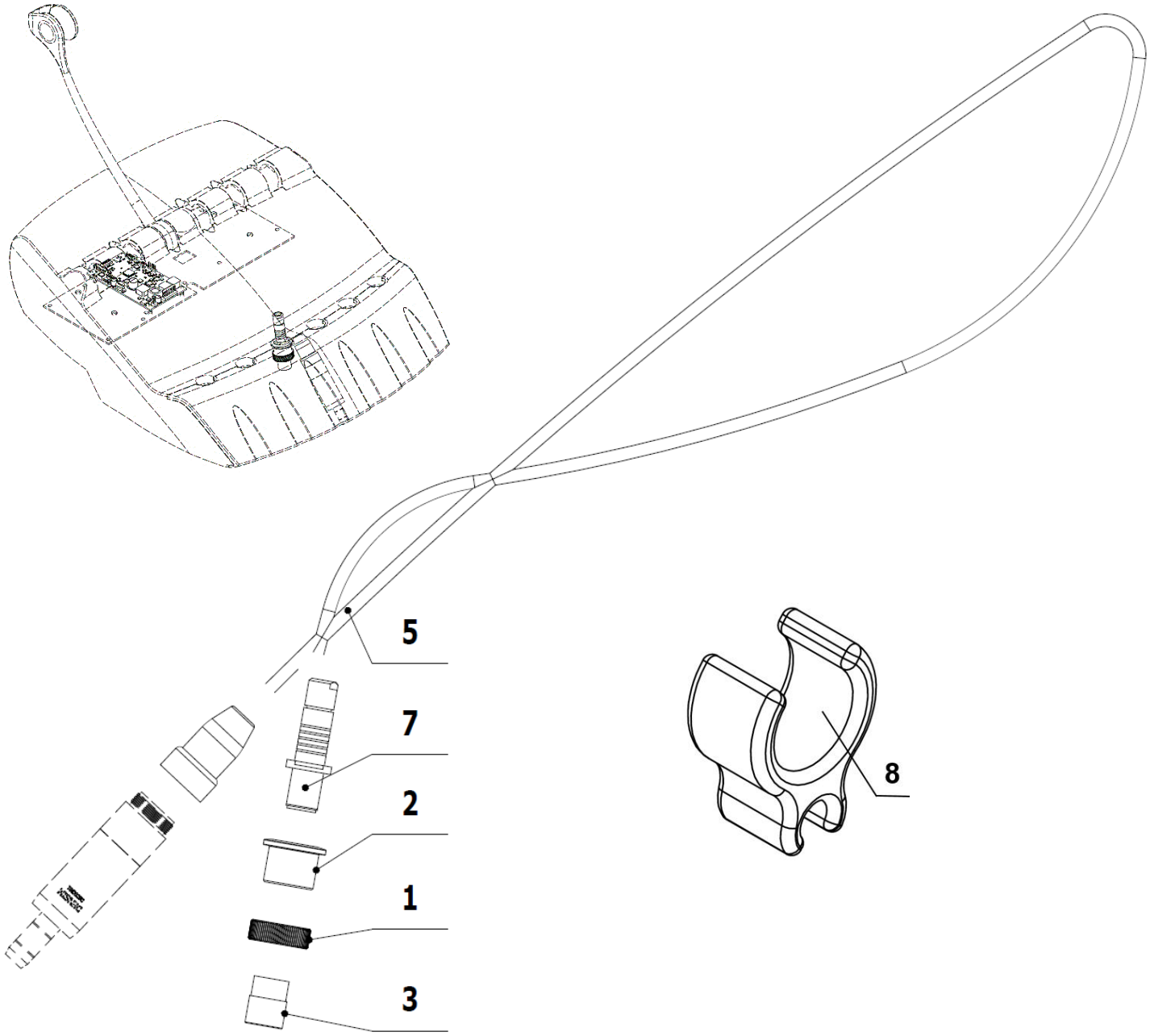
Module **DSMB92 BLUE** (for DX PRO BLUE motor)



Pos.	Item no.	Product name	Unit	Quantity
001	DSMB92BLUE	DX PRO BLUE MODULE	PC	1.00
002	ME374010.074	DS_LUX CABLE	PC	1.00
003	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	5.00
004	V629.28-90-27.1	POWER CABLE	PC	1.00

005	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00

MICRO MOTOR DX SRG ACCESSORY - V635.39-00-00.3

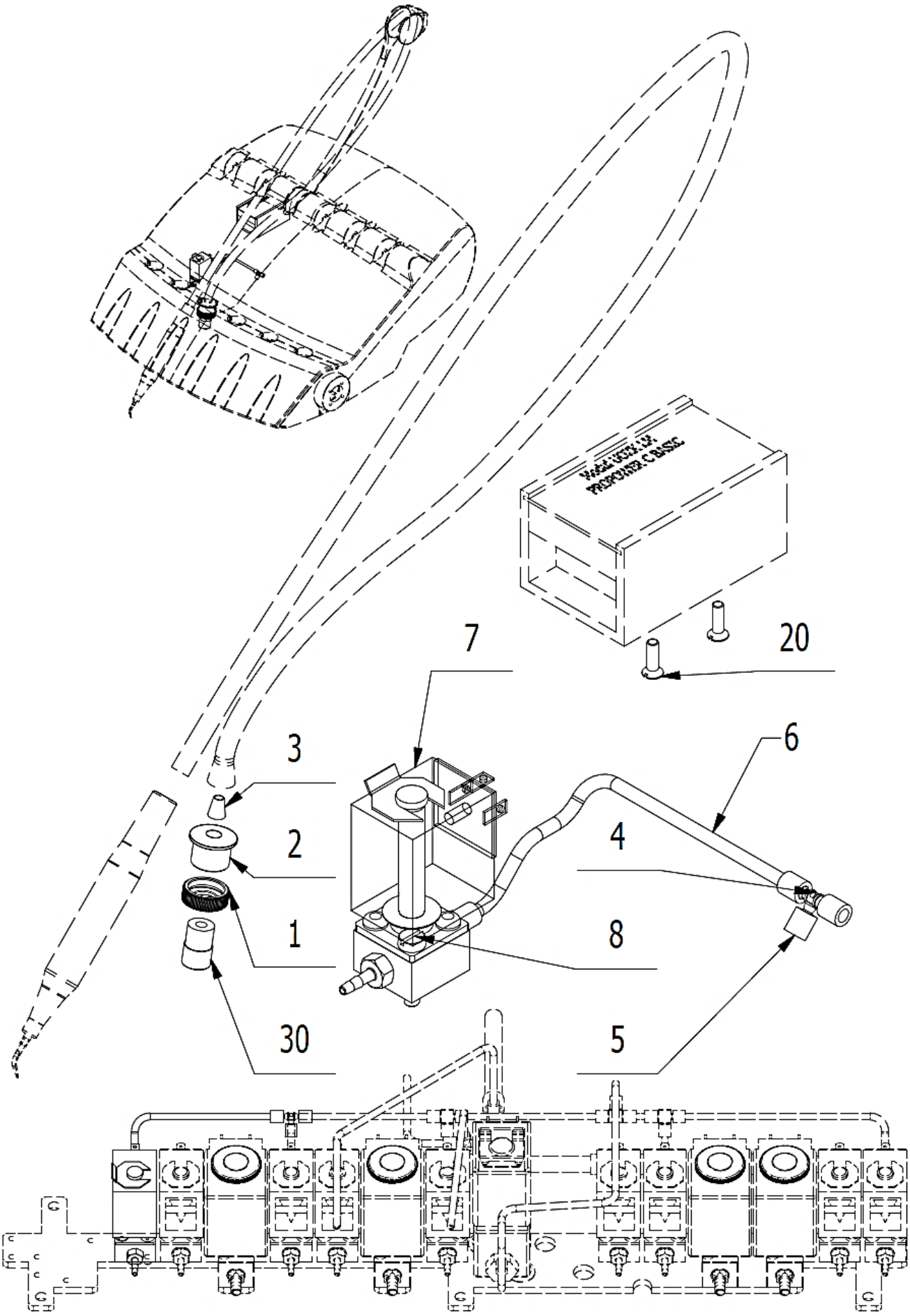


Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1.00
002	V618.42-00-02	NUT BUSHING, M14	PC	1.00
003	V618.30-00-01	HOSE CLAMP	PC	1.00
005	DSCB1010	CABLE, DX SRG 1010 mm	PC	1.00
007	DSCBC001	FISCHER CONNECTOR FOR THE DX SRG CABLE	PC	1.00
008	V629.39-00-01	CLIP FOR IRRIGATION TUBE BienAir	KS	10,00
903	ME375000.004	INSULATED CRIMP FITTING - NITI 0.34X8TQ	PC	5.00

4 – USS – Ultra Sonic Scaler (Plaque removal instruments)

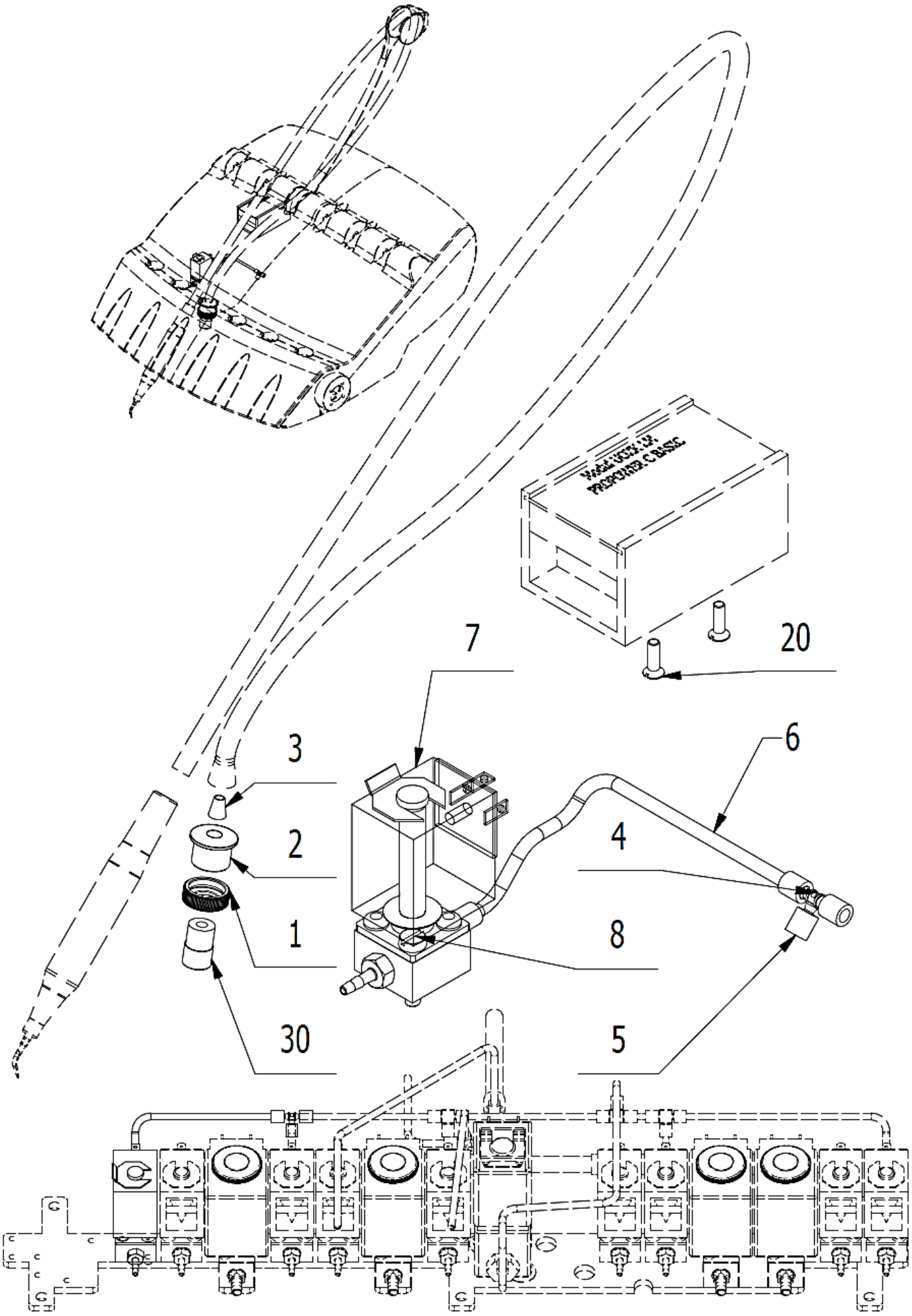
USS LM PROPOWER C ULTRALED ACCESSORY - V618.36-00-00.1 K-002

USS LM PROPOWER C ULTRALED ACCESSORY - V618.36-00-00.2 K-002



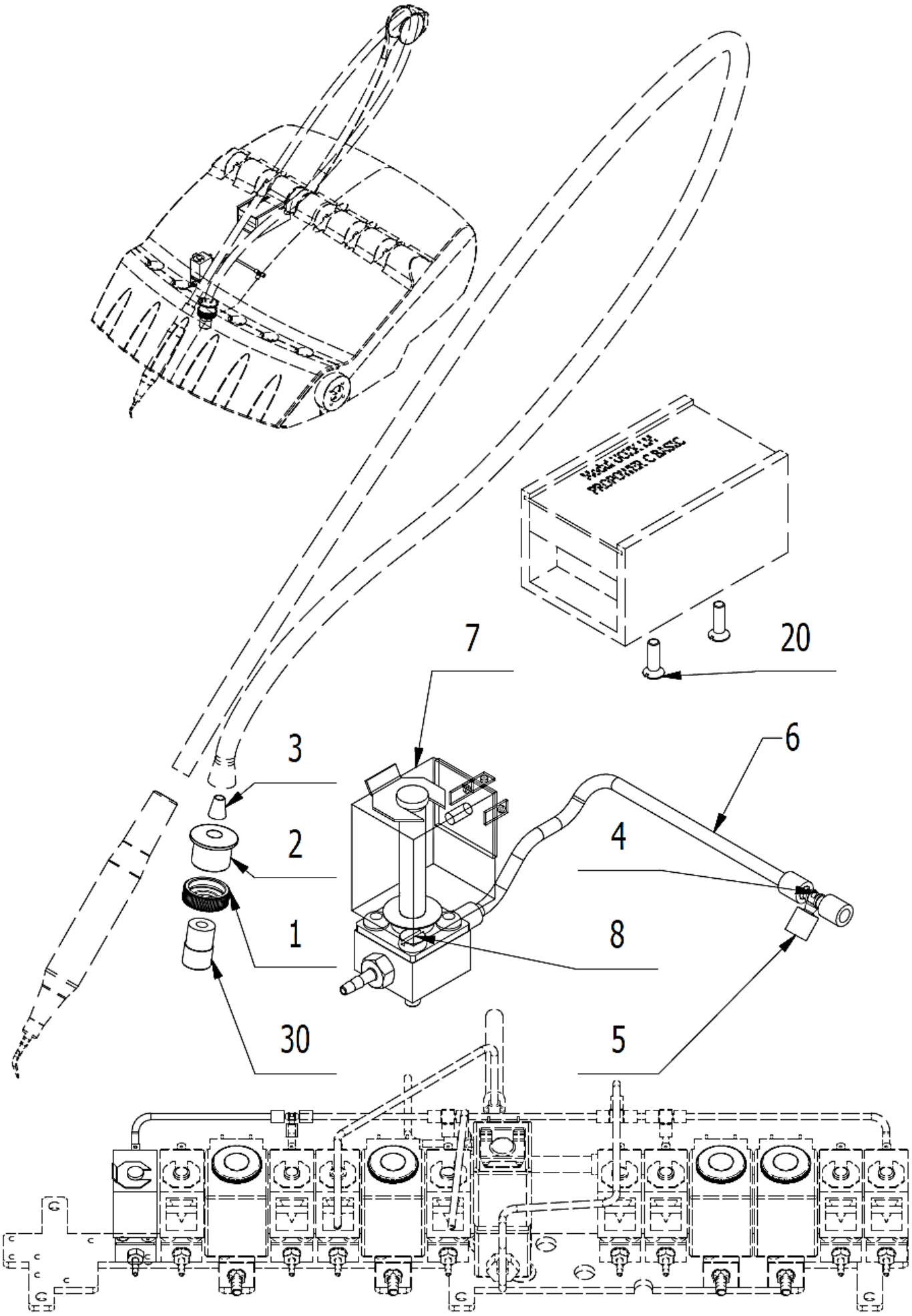
Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1,00
002	ME273121.038	HOSE BUSHING, P8	PC	1,00
003	V600.3-00-22	INSERT, 2	PC	1,00
004	ME336401.015	ADAPTER T210-1	PC	1,00
005	V608.45-00-08	LOCK RING, 1	PC	6,00
006	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	2,22
007	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
008	ME309231.019	THREADED FASTENER, M 3X14	PC	2,00
020	ME309251.126	THREADED FASTENER, M 3x10	PC	2,00
030	V618.30-00-02	HOSE CLAMP	PC	1,00
031	**ME283367.102**	**USS LM-PROPOWER C b-in BASIC**	**PC**	**OPTIONAL for V618.36-00-00.2 K-002**
031	**ME283367.101**	**USS LM-PROPOWER C b-in ULTRALED**	**PC**	**OPTIONAL for V618.36-00-00.1 K-002**
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00
906	V629.44-90-06.1	WIRES, LM - ASSEMBLY	PC	1,00
907	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	3,00
908	ME375000.004	INSULATED CRIMP FITTING - NITI 0.34X8TQ	PC	1,00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2,00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5,00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2,00

USS EMS FS-286 ACCESSORY - V618.46-00-00 K-002



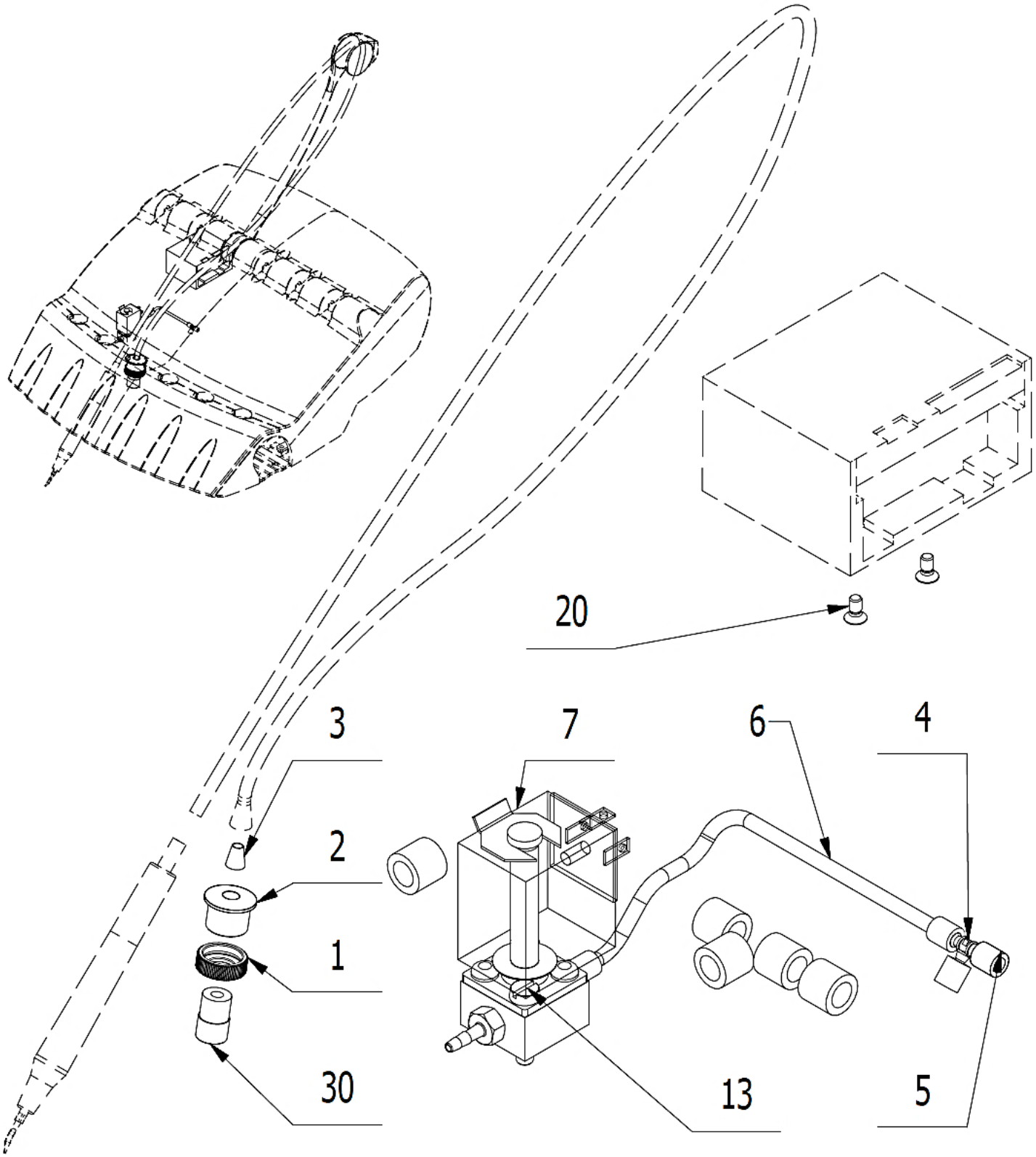
Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1,00
002	ME273121.038	HOSE BUSHING, P8	PC	1,00
003	V600.3-00-22	INSERT, 2	PC	1,00
004	ME336401.015	ADAPTER T210-1	PC	1,00
005	V608.45-00-08	LOCK RING, 1	PC	6,00
006	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0,22
007	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
008	ME309231.019	THREADED FASTENER, M 3X14	PC	2,00
020	ME309543.071	THREADED FASTENER, M 3x6	PC	2,00
030	V618.30-00-02	HOSE CLAMP	PC	1,00
031	ME283367.081	USS MINI PIESON EMS FS - 286	PC	OPTIONAL
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00
907	ME243422.010	SHRINK-FIT INSUL. SLEEVE, P 2.1 BLACK	M	0,04
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	2,00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2,00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5,00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2,00
912	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1,00

USS EMS LED FS-367 ACCESSORY - V618.53-00-00 K-002



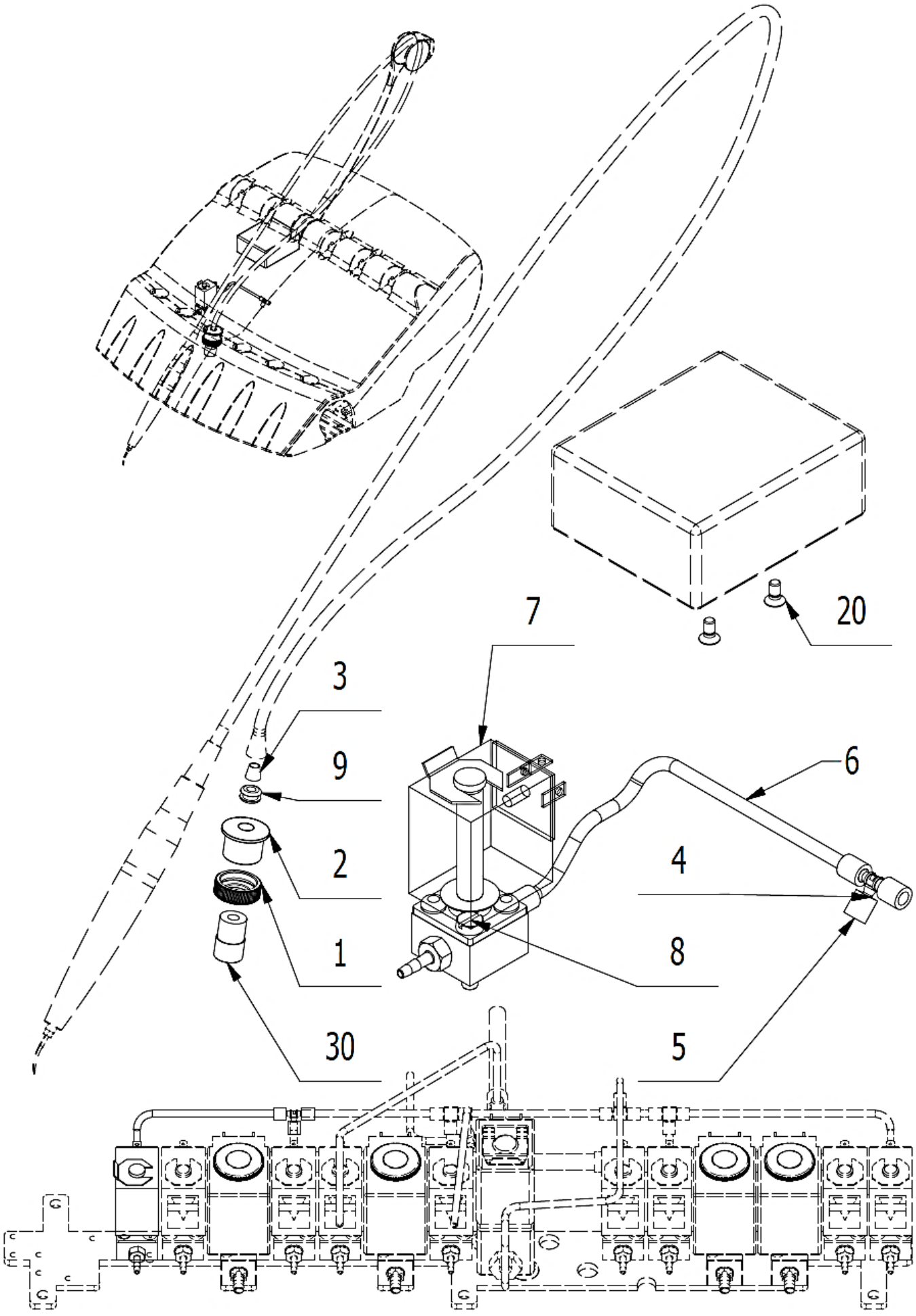
Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1,00
002	ME273121.038	HOSE BUSHING, P8	PC	1,00
003	V618.47-00-03	INSERT, 2	PC	1,00
004	ME336401.015	ADAPTER T210-1	PC	1,00
005	V608.45-00-08	LOCK RING, 1	PC	6,00
006	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0,22
007	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
008	ME309231.019	THREADED FASTENER, M 3X14	PC	2,00
020	ME309543.071	THREADED FASTENER, M 3x6	PC	2,00
030	V618.30-00-02	HOSE CLAMP	PC	1,00
010	ME283367.098	USS EMS LED FS-367	PC	OPTIONAL
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00
907	ME243422.010	SHRINK-FIT INSUL. SLEEVE, P 2.1 BLACK	M	0,12
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	4,00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2,00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5,00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2,00
912	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1,00
913	ME372000.020	DIODE 1N 4007 1 A/1000 V	PC	1,00

USS EMS FS-432 LED ACCESSORY - V618.46-00-00.3
USS EMS FS-433 ACCESSORY - V618.46-00-00.4



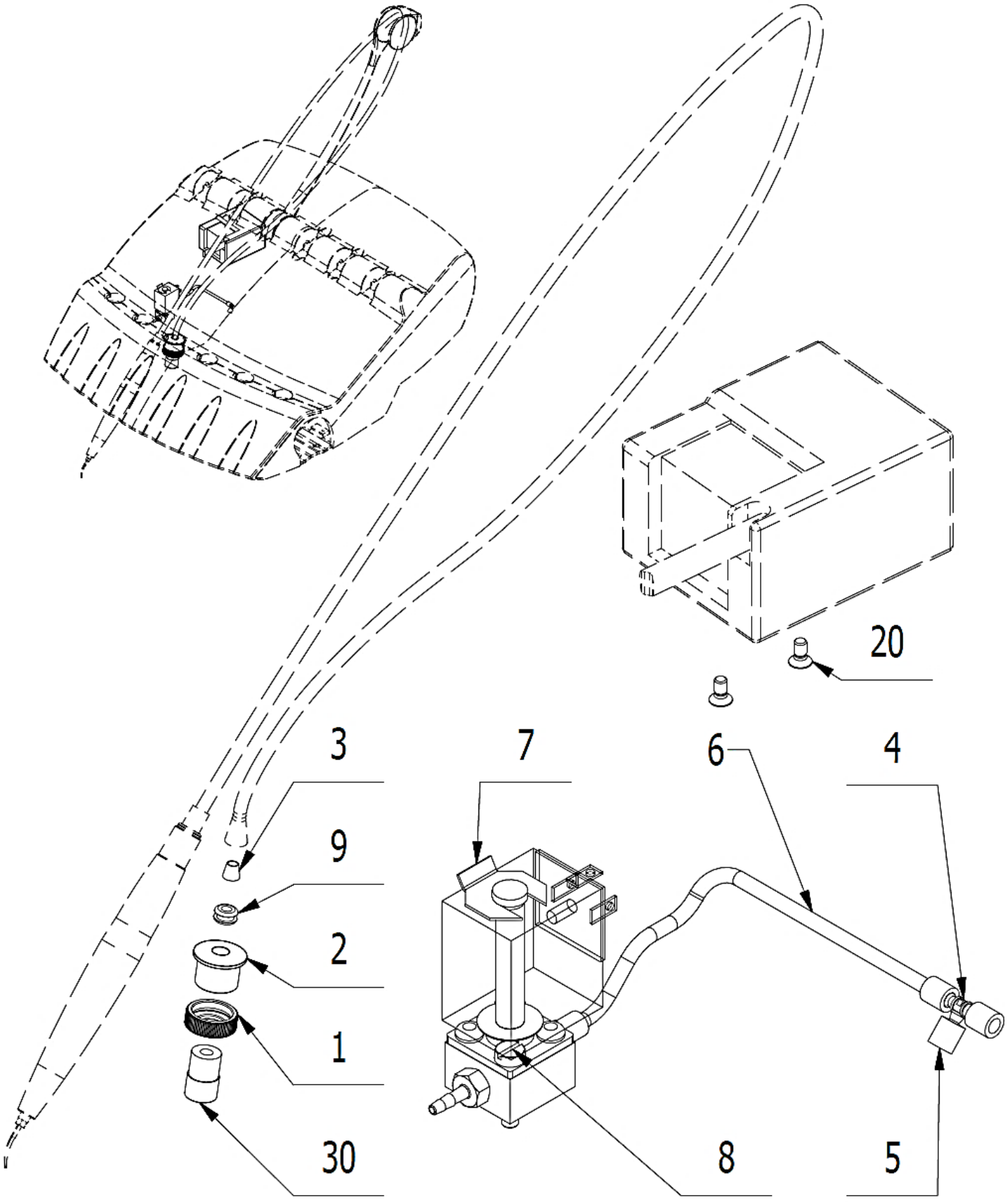
Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1,00
002	ME273121.038	HOSE BUSHING, P8	PC	1,00
003	V600.3-00-22	INSERT, 2	PC	1,00
004	ME336401.015	ADAPTER T210-1	PC	1,00
005	V608.45-00-08	LOCK RING, 1	PC	6,00
006	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0,22
007	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
013	ME309231.019	THREADED FASTENER, M 3X14	PC	2,00
020	ME309543.071	THREADED FASTENER, M 3x6	PC	2,00
030	V618.30-00-02	HOSE CLAMP	PC	1,00
031	ME283367.120	USS EMS FS-432 LED	PC	**OPTIONAL for** V618.46-00-00.3
031	ME283367.121	USS EMS FS-433	PC	**OPTIONAL for** V618.46-00-00.4
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	2,00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5,00
911	ME345711.034	CLAMP, F0505 HC 101	PC	2,00
912	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1,00

USS NSK VA 170 ACCESSORY - V618.47-00-00 K-002
USS NSK VA 170 LED-LUX ACCESSORY - V618.47-00-00.1 K-002



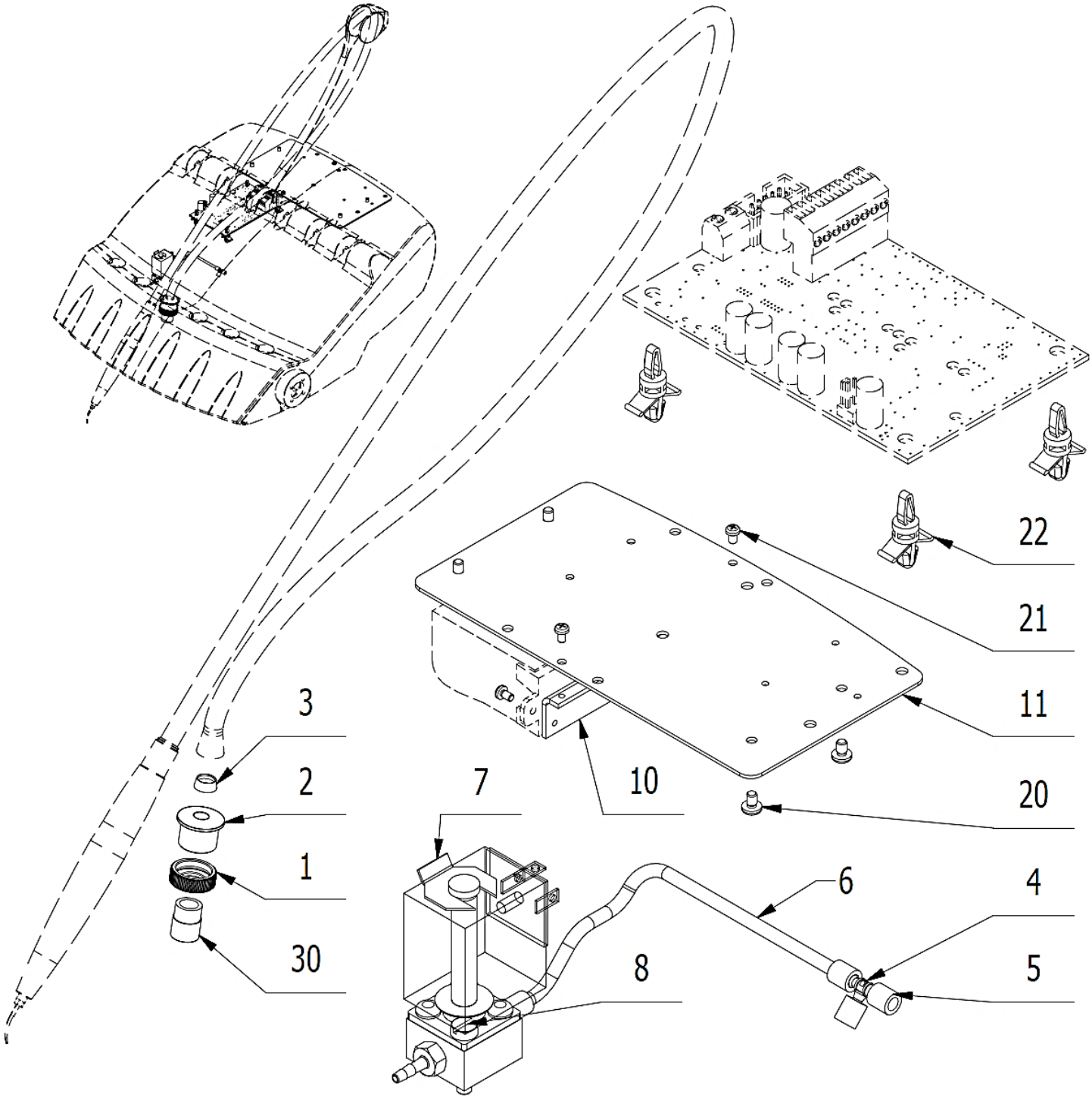
Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1,00
002	ME273121.038	HOSE BUSHING, P8	PC	1,00
003	V618.47-00-03	INSERT, 2	PC	1,00
004	ME336401.015	ADAPTER T210-1	PC	1,00
005	V608.45-00-08	LOCK RING, 1	PC	6,00
006	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0,22
007	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
008	ME309231.019	THREADED FASTENER, M 3X14	PC	2,00
009	ME273121.042	BUSHING, TYPE F2, 5X3	PC	1,00
020	ME309543.071	THREADED FASTENER, M 3x6	PC	2,00
030	V618.30-00-02	HOSE CLAMP	PC	1,00
031	**ME397920.017**	**USS NSK VA 170**	**PC**	**OPTIONAL for V618.47-00-00 K-002**
031	**ME397920.018**	**USS NSK VA 170 LED-LUX**	**PC**	**OPTIONAL for V618.47-00-00.1 K-002**
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00
906	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	3,00
907	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	4,00
910	ME345711.034	CLAMP, F0505 HC 101	PC	2,00

USS SATELEC NEWTRON ACCESSORY - V618.49-00-00 K-002
USS SATELEC NEWTRON LED ACCESSORY - V618.49-00-00.1 K-002



Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1,00
002	ME273121.038	HOSE BUSHING, P8	PC	1,00
003	V618.47-00-03	INSERT, 2	PC	1,00
004	ME336401.015	ADAPTER T210-1	PC	1,00
005	V608.45-00-08	LOCK RING, 1	PC	6,00
006	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0,22
007	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
008	ME309231.019	THREADED FASTENER, M 3X14	PC	2,00
009	ME273121.042	BUSHING, TYPE F2, 5X3	PC	1,00
020	ME309543.071	THREADED FASTENER, M 3x6	PC	2,00
030	V618.30-00-02	HOSE CLAMP	PC	1,00
031	**ME283367.066**	**USS SATELEC NEWTRON**	**PC**	**OPTIONAL for V618.49-00-00 K-002**
031	**ME283367.100**	**USS SATELEC SP NEWTRON LED**	**PC**	**OPTIONAL for V618.49-00-00.1 K-002**
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00
906	ME371814.059	FUSE, 5X20 T 1.25A	PC	1,00
907	ME354321.011	RING WIRE CONNECTOR, 7610-01/4	PC	1,00
908	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	11,00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2,00
910	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1,00
911	ME375000.002	INSULATED CRIMP FITTING - NITI 0.75X8GY	PC	1,00
912	ME345621.012	TERMINAL STRIP, CM 1012	PC	1,00
913	V400.01-00-49	LABEL, XT3	PC	1,00
914	ME548232.303	LABEL, 4-602.8-00-57	PC	1,00
916	ME397900.012	CABLE TIE, F 0301 CV-094	PC	5,00
917	ME345711.034	CLAMP, F0505 HC 101	PC	2,00

USS SATELEC ACTEON XINETIC ACCESSORY - V635.38-00-00.1

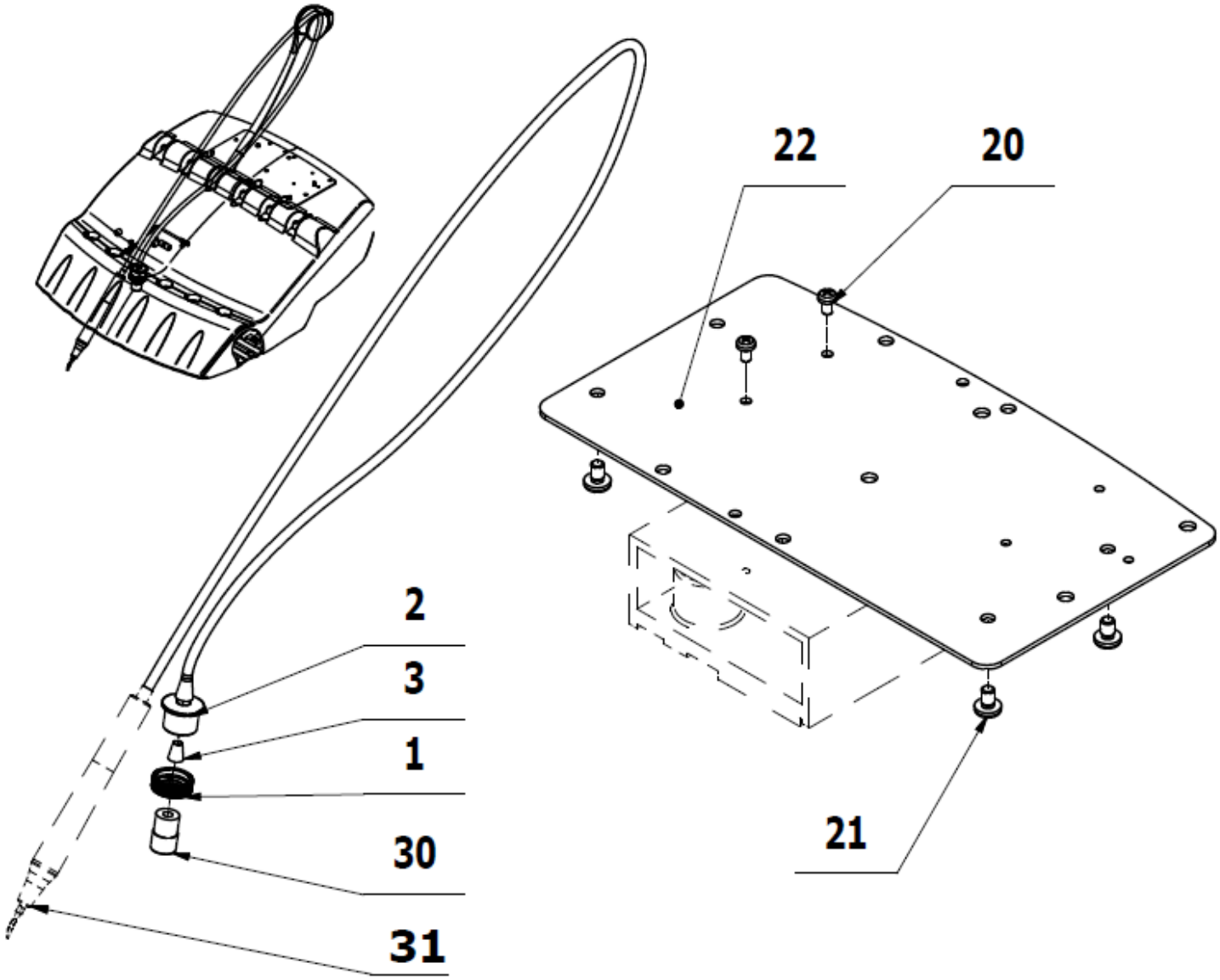


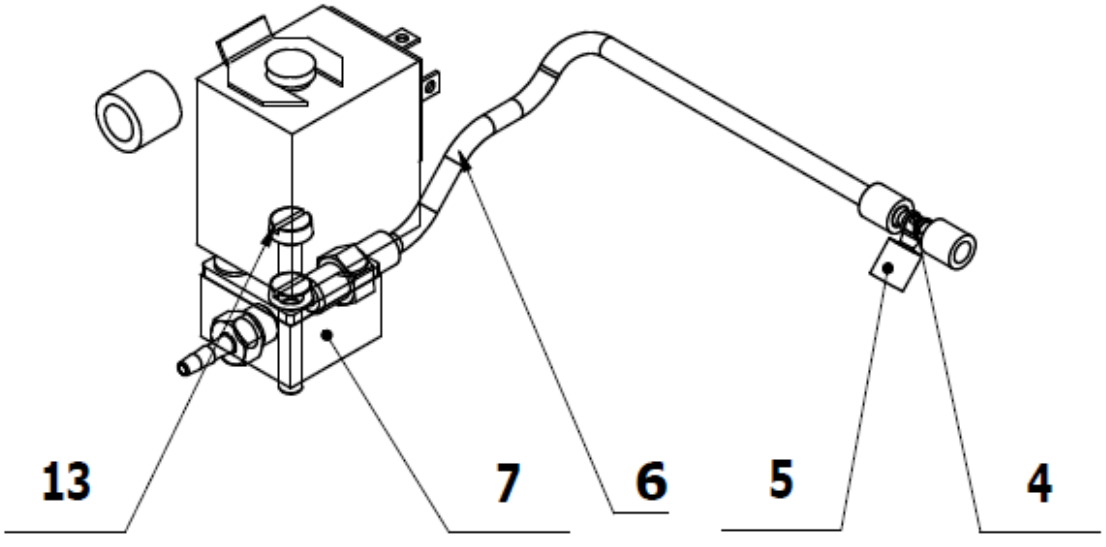
Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1,00
002	ME273121.038	HOSE BUSHING, P8	PC	1,00
003	V602.50-00-04.1	INSERT, 2	PC	1,00
004	ME336401.015	ADAPTER T210-1	PC	1,00
005	V608.45-00-08	LOCK RING, 1	PC	4,00
006	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0,22
007	V619.28-44-00	SOLENOID VALVE, SIRAI, COMPLETE	PC	1,00
008	ME309231.019	THREADED FASTENER, M 3X14	PC	2,00
010	V635.38-00-10	BOARD FOR XINETIC	PC	1,00
011	V635.28-50-02.1	BOARD FOR MODULES AND PRINTED CIRCUIT BOARDS	PC	1,00
020	ME309255.073	THREADED FASTENER, M 4X6	PC	4,00

021	ME309543.088	THREADED FASTENER, M 3X5	PC	4,00
022	ME371418.027	SPACER POST, h=6.4 mm SNAP-TYPE	PC	4,00
030	V618.30-00-01	HOSE CLAMP	PC	1,00
031	**ME283367.118**	**USS SATELEC ACTEON XINETIC**	**PC**	**OPTIONAL**
901	ME374000.376	SCA_LUX3 MODULE	PC	1,00
902	ME374010.069	CABLE, SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	WIRE, WH - ASSEMBLY	PC	2,00
904	V629.44-90-04.1	WIRE, GN - ASSEMBLY	PC	2,00
905	V400.01-01-40	LABEL, TEXT	PC	1,00
907	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	10,00
909	ME375000.006	INSULATED CRIMP FITTING - NITI 2X0.5X8.8WH	PC	2,00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	6,00
911	ME345711.034	CLAMP, F0505 HC 101	PC	3,00
912	ME341419.006	WIRE, LiY 0.25 RD - 4126104S	M	0,45
913	ME341419.002	WIRE, LiY 0.25 BU - 4126002S	M	0,45
914	ME341419.016	WIRE, LiY 0.25 OG	M	0,45
915	ME341419.008	WIRE, LiY 0.25 GY - 4126106S	M	0,45

ACCESSORY FOR USS WOODPECKER UDS-N3 LED - V635.52-00-00

(WOODPECKER UDS-N3 LED = ME283367.124)

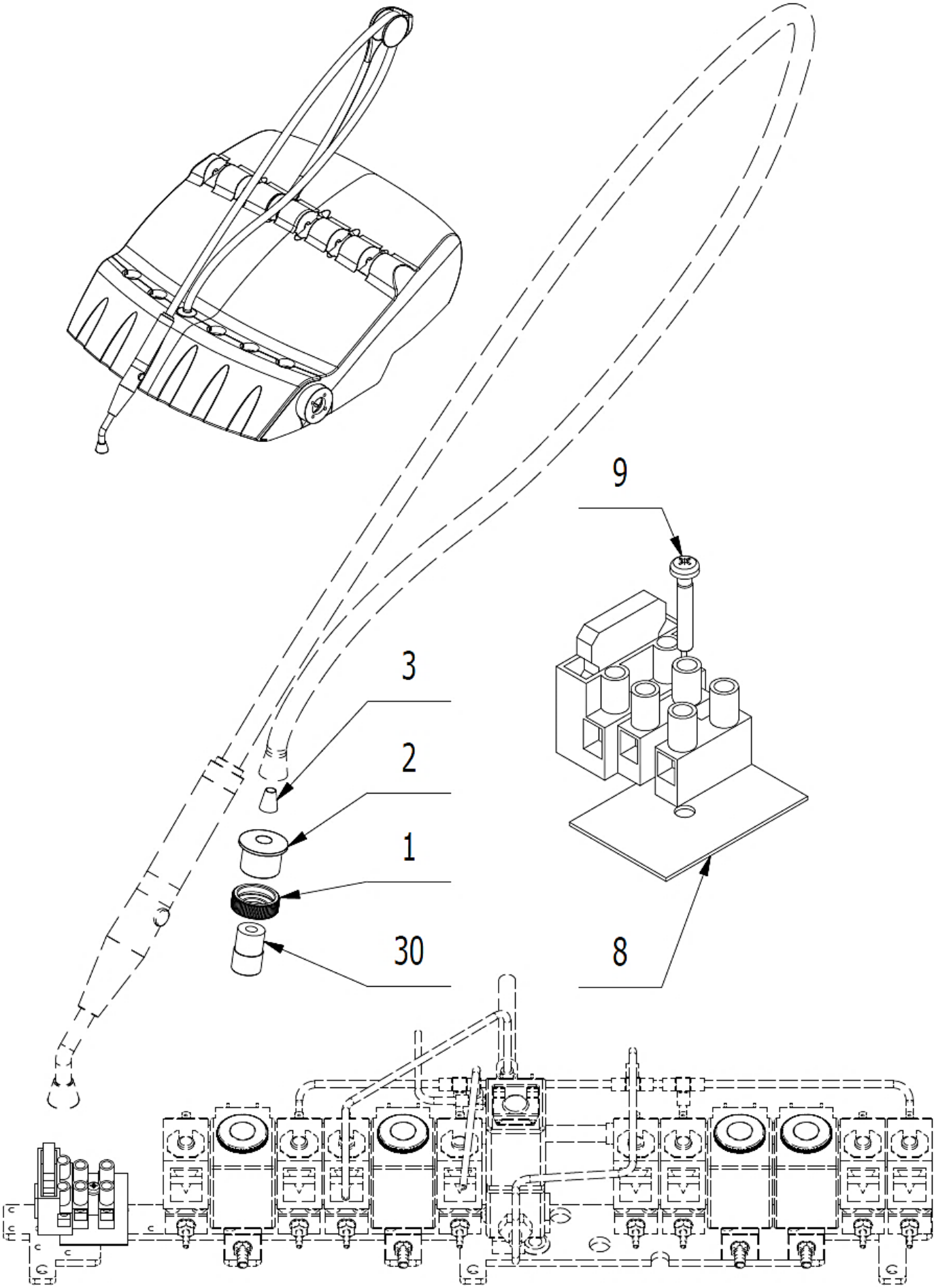




POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	V618.30-00-03	NUT FOR BUSHING	PC	1,00
002	ME273121.038	HOSE BUSHING P8	PC	1,00
003	V600.3-00-22	INSERT 2	PC	1,00
004	ME336401.015	T HOSE BARB FITTING T210-1	PC	1,00
005	V608.45-00-08	LOCKING RING 1	PC	6,00
006	ME283367.024	HOSE PUR 1,5/2,7 GREEN	m	0,22
007	V619.28-44-00	SOLENOID VALVE, SIRAI	PC	1,00
013	ME309231.019	SCREW M 3X14	PC	2,00
020	ME309543.088	SCREW M 3X5	PC	2,00
021	ME309255.073	SCREW M 4X6	PC	3,00
022	V635.28-50-02.1	MODULES PLATE	PC	1,00
030	V618.30-00-02	HOSE CLAMP 1	PC	1,00
031	ME283367.124	WOODPECKER UDS-N3 LED	PC	**OPTION**
901	ME374000.376	MODULE SCA_LUX3	PC	1,00
902	ME374010.069	CABLE SCA-MB_LUX	PC	1,00
903	V629.44-90-03.1	CONDUCTOR WH	PC	2,00
904	V629.44-90-04.1	CONDUCTOR GN	PC	2,00
905	V400.01-01-40	LABEL TEXT	PC	1,00
906	ME283367.125	WOODPECKER ADAPTER	PC	1,00
910	ME397900.012	CABLE TIE F 0301 CV-094	PC	5,00
911	ME345711.034	ADHESIVE CLIP F0505 HC 101	PC	2,00

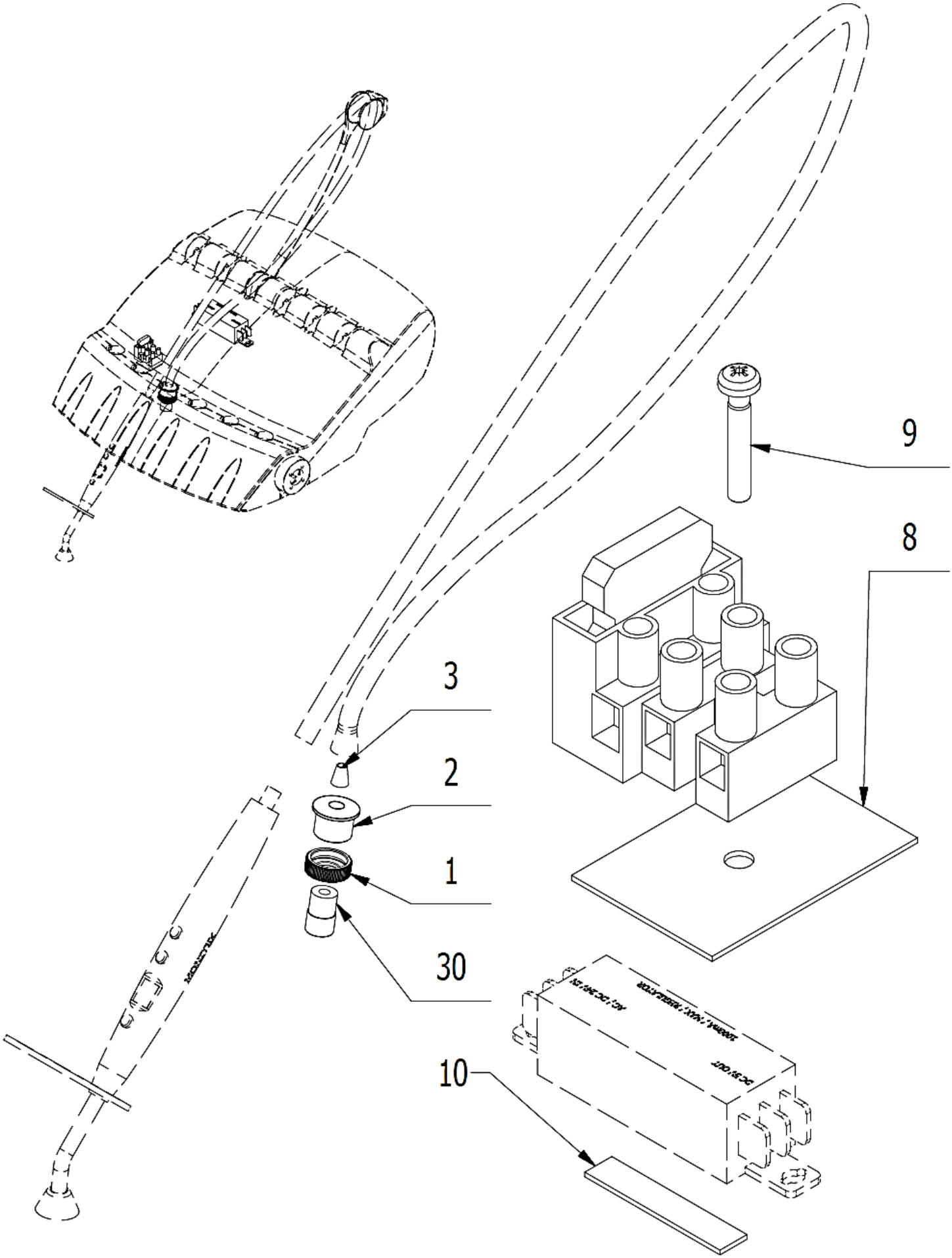
5 – Curing lamps

MECTRON PLM ACCESSORY - V618.40-00-00 K-002



Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1,00
002	ME273121.038	HOSE BUSHING, P8	PC	1,00
003	V600.3-00-22	INSERT, 2	PC	1,00
008	V606.49-00-11	BASE UNDER TERMINAL STRIP	PC	1,00
009	ME309255.077	THREADED FASTENER, M 3X18	PC	1,00
030	V618.30-00-02	HOSE CLAMP	PC	1,00
901	ME345621.010	TERMINAL STRIP WITH FUSE, CM 1035	PC	1,00
902	ME371814.057	FUSE, 5X20 T 315 mA	PC	1,00
903	V400.01-00-54	LABEL, XT8	PC	1,00
904	ME735000.169	LABEL, 4-602.2-90-23	PC	1,00
905	V400.01-00-45	LABEL, FU9	PC	1,00
906	ME735000.274	LABEL, T315 MA	PC	1,00
907	ME341419.007	WIRE, LiY 0.25 WH - 4126105S	M	1,02
908	ME341419.008	WIRE, LiY 0.25 GY - 4126106S	M	0,40
909	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	2,00
910	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	6,00
911	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	2,00
912	ME374060.010	HOUSING, NSG 25-2	PC	1,00

MONITEX PLM ACCESSORY - V618.40-00-00.1 K-002

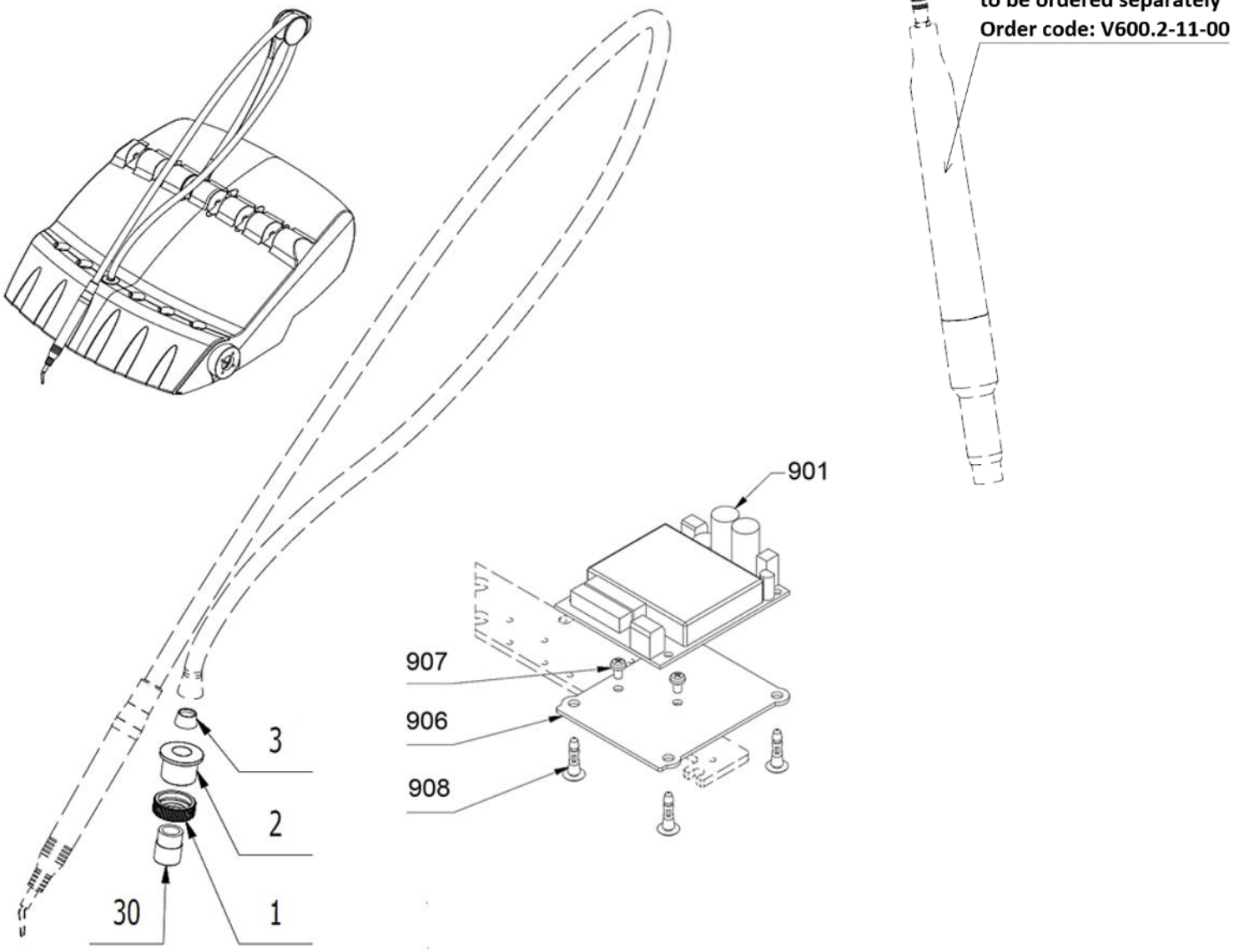


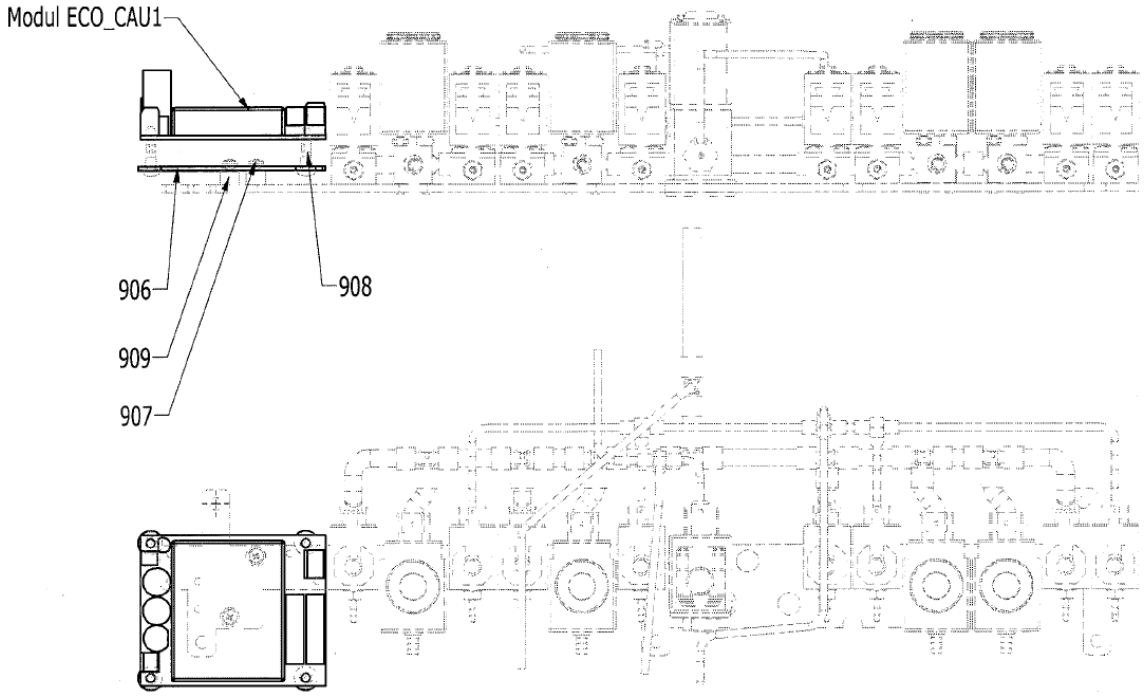
Pos.	Item no.	Product name	Unit	Quantity

001	V618.30-00-03	NUT FOR BUSHING	PC	1.00
010	ME627439.004	DOUBLE-SIDED ADHESIVE TAPE, S.10	M	0.05
011	ME341000.055	MONITEX PLM with converter	PC	OPTIONAL
002	ME273121.038	HOSE BUSHING, P8	PC	1.00
003	V600.3-00-22	INSERT, 2	PC	1.00
008	V606.49-00-11	BASE UNDER TERMINAL STRIP	PC	1.00
009	ME309255.077	THREADED FASTENER, M 3X18	PC	1.00
030	V618.30-00-02	HOSE CLAMP	PC	1.00
901	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	8.00
902	ME341411.059	WIRE, LAU 0.5 WHITE	M	1.20
903	ME345621.021	TERMINAL STRIP WITH FUSE, CM 1025	PC	1.00
904	ME371814.057	FUSE, 5X20 T 315 mA	PC	1.00
905	V400.01-00-54	LABEL, XT8	PC	1.00
906	V400.01-00-45	LABEL, FU9	PC	1.00
907	ME735000.274	LABEL, T315 MA	PC	1.00
908	ME309255.049	THREADED FASTENER, M 3X16	PC	1.00
909	ME375000.004	INSULATED CRIMP FITTING - NITI 0.34X8TQ	PC	2.00
910	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00
911	ME345711.034	CLAMP, F0505 HC 101	PC	1.00

6 – Cauter

CAUTER ACCESSORY - V618.41-00-00.1 K-002



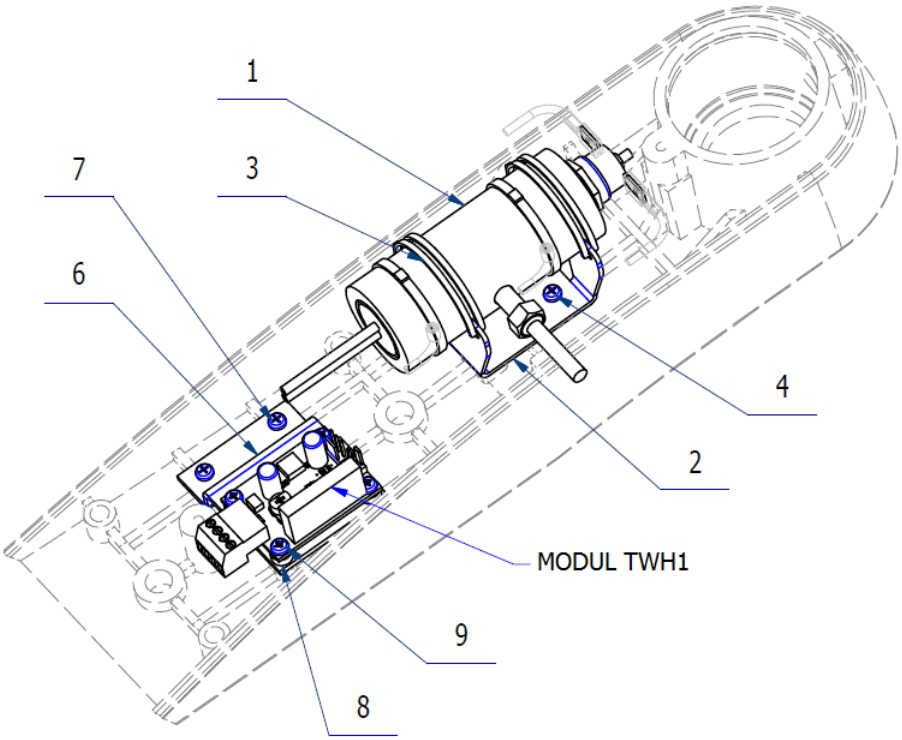


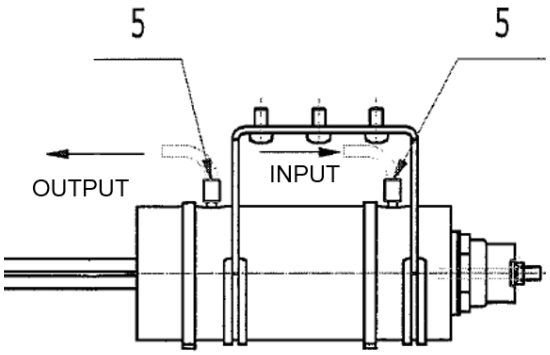
Pos.	Item no.	Product name	Unit	Quantity
001	V618.30-00-03	NUT FOR BUSHING	PC	1.00
002	ME273121.037	HOSE BUSHING, P11	PC	1.00
003	V602.50-00-04	INSERT, 1	PC	1.00
005	ME309255.044	THREADED FASTENER, M 4X10	PC	2.00
030	V618.30-00-01	HOSE CLAMP	PC	1.00
901	ME374000.270	ECO_CAU1 MODULE	PC	1.00
902	V629.59-90-02	CABLE, MB-CAU_LUX	PC	1.00
903	V629.59-90-03	WIRES, WH - ASSEMBLY	PC	1.00
904	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	2.00
905	ME375000.007	INSULATED CRIMP FITTING - NITI 2X1X7.8RD	PC	2.00
906	V629.59-00-10	CAUTER PLATE	PC	1.00
907	ME309255.036	THREADED FASTENER, M 3X8	PC	2.00
908	ME371418.019	PCB SUPPORT, 10x2x3 PA 6.6	PC	4.00
909	ME371418.009	SPACER POST, KDR 05	PC	2.00

7 – Other control panel accessories

►WATER HEATER ACCESSORY - V635.45-00-00

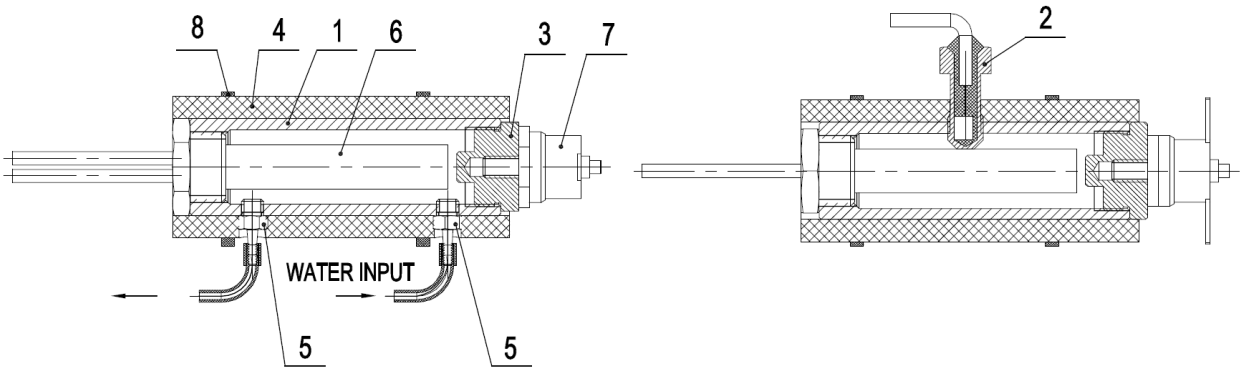
(used with DA370, DA380)





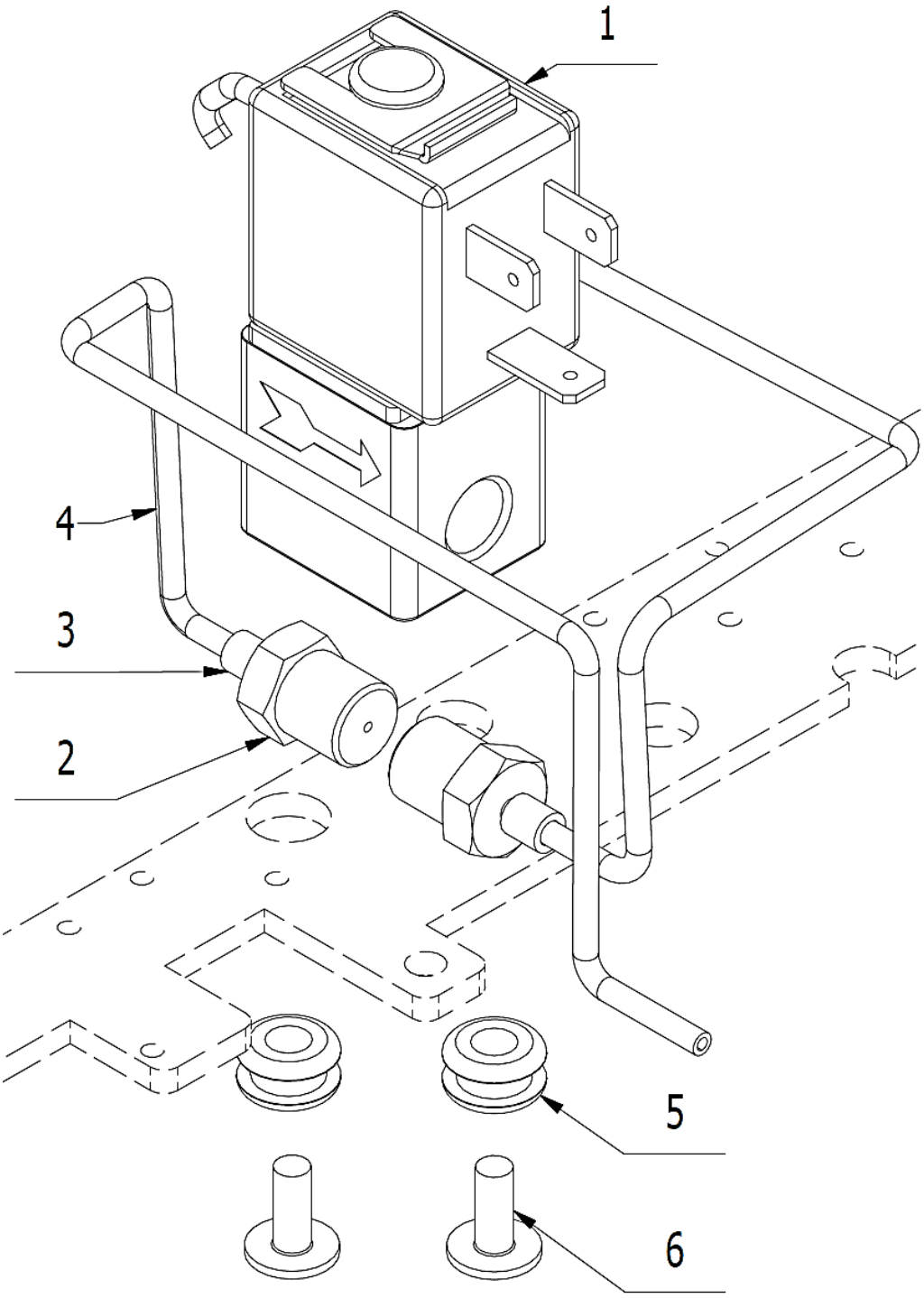
Pos.	Item no.	Product name	Unit	Quantity
001>>	V635.45-01-00	HEATER	PC	1.00
002	V618.45-00-02	HEATER HOLDER	PC	1.00
003	ME397800.015	CABLE TIE, F0301 CV-200	PC	2.00
004	ME309255.051	THREADED FASTENER, M 3X6	PC	3.00
005	ME283368.006	HOSE, PUR 2.6/3.9 BLUE	m	0.01
006	V635.45-00-06	MODULE HOLDER	PC	1.00
007	ME309543.088	THREADED FASTENER, M 3X5	PC	2.00
008	ME371418.008	SPACER POST, KDR 03	PC	4.00
009	ME309255.036	THREADED FASTENER, M 3X8	PC	4.00
901	ME374000.356	TWH1 MODULE	PC	1.00
902	V635.45-90-01	POWER WIRES, TWH1 MODULE	PC	1.00
903	V635.45-90-02	WIRE FOR HEATER	PC	1.00
904	ME345571.001	FASTON SOCKET, 6.3 0.3-0.8 mm2	PC	1.00
905	ME343415.032	INSULATION SLEEVE, 6.3 mm, PA	PC	1.00
906	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	3.00
907	ME374060.011	HOUSING, NSG 25-3	PC	1.00
908	V635.45-90-03	WIRES, TWH1 MODULE	PC	1.00
909	ME375000.003	INSULATED CRIMP FITTING - NITI 0.5X8WH	PC	1.00

>>HEATER - V635.45-01-00



Pos.	Item no.	Product name	Unit	Quantity
001	V618.45-01-01.1	HEATER BODY	PC	1.00
002	V635.45-02-00	HEATER SENSOR	PC	1.00
003	V618.45-01-03	THERMOSTAT BUSHING	PC	1.00
004	V618.45-01-04	INSULATION, PR 22X6	PC	1.00
005	ME397522.004	TAIL-PIECE, 11752-2-M5-PKG	PC	2.00
006	ME541525.010	100 W HEATING ELEMENT	PC	1.00
007	ME405720.005	THERMOSTAT, S-3014 2455RM LIMITER	PC	1.00
008	ME397800.015	CABLE TIE, F0301 CV-200	PC	2.00

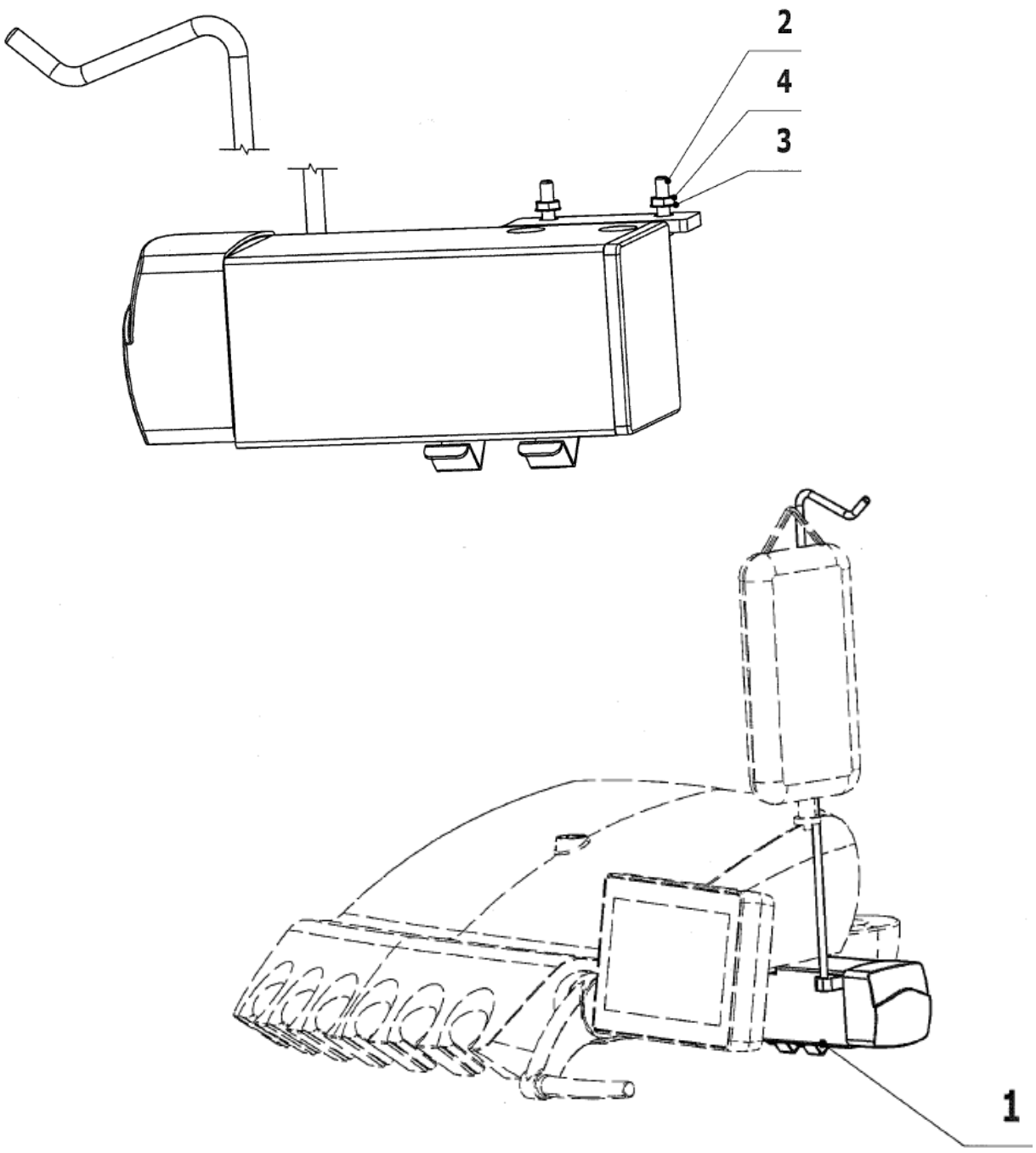
►PROPORTIONAL VALVE ACCESSORY - V618.28-22-00



Pos.	Item no.	Product name	Unit	Quantity
001	ME551114.004	PROPORTIONAL VALVE, ASCO SCG202A207V	PC	1.00
002	ME336401.023	ADAPTER 18210-1	PC	2.00
003	V608.45-00-08	LOCK RING, 1	PC	2.00
004	ME283367.024	HOSE, PUR 1.5/2.7 GREEN	m	0.22
005	ME273121.042	BUSHING, TYPE F2, 5X3	PC	2.00
006	ME309251.106	THREADED FASTENER, M 4X10, DECORATIVE	PC	2.00
901	ME374100.076	PROP. WATER VALVE WIRES	PC	1.00
902	ME397900.012	CABLE TIE, F 0301 CV-094	PC	1.00
903	V400.01-01-40	LABEL, TEXT	PC	1.00

► PERISTALTIC PUMP ACCESSORY - V636.57-00-00

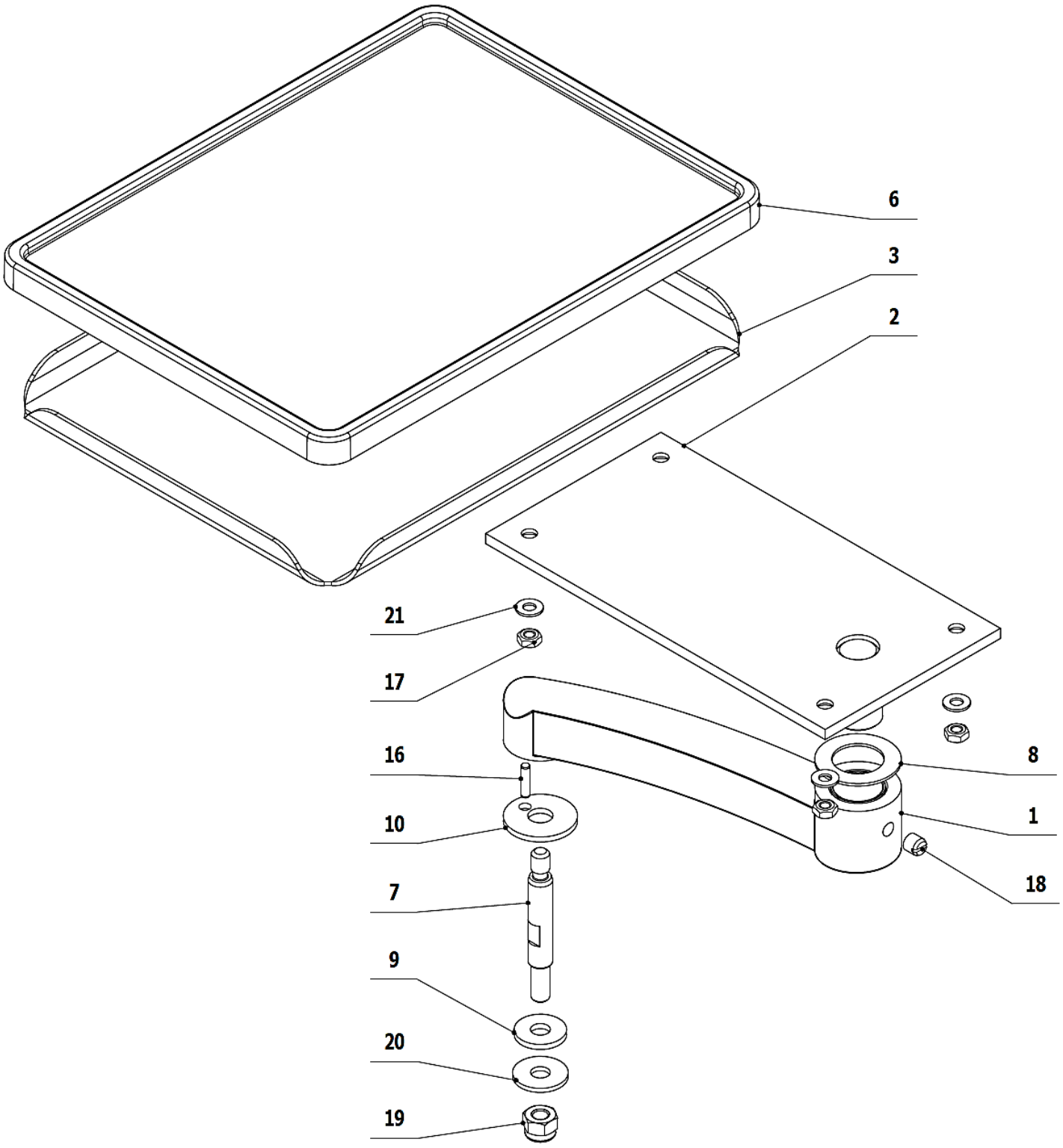
(for DA370, DA380)

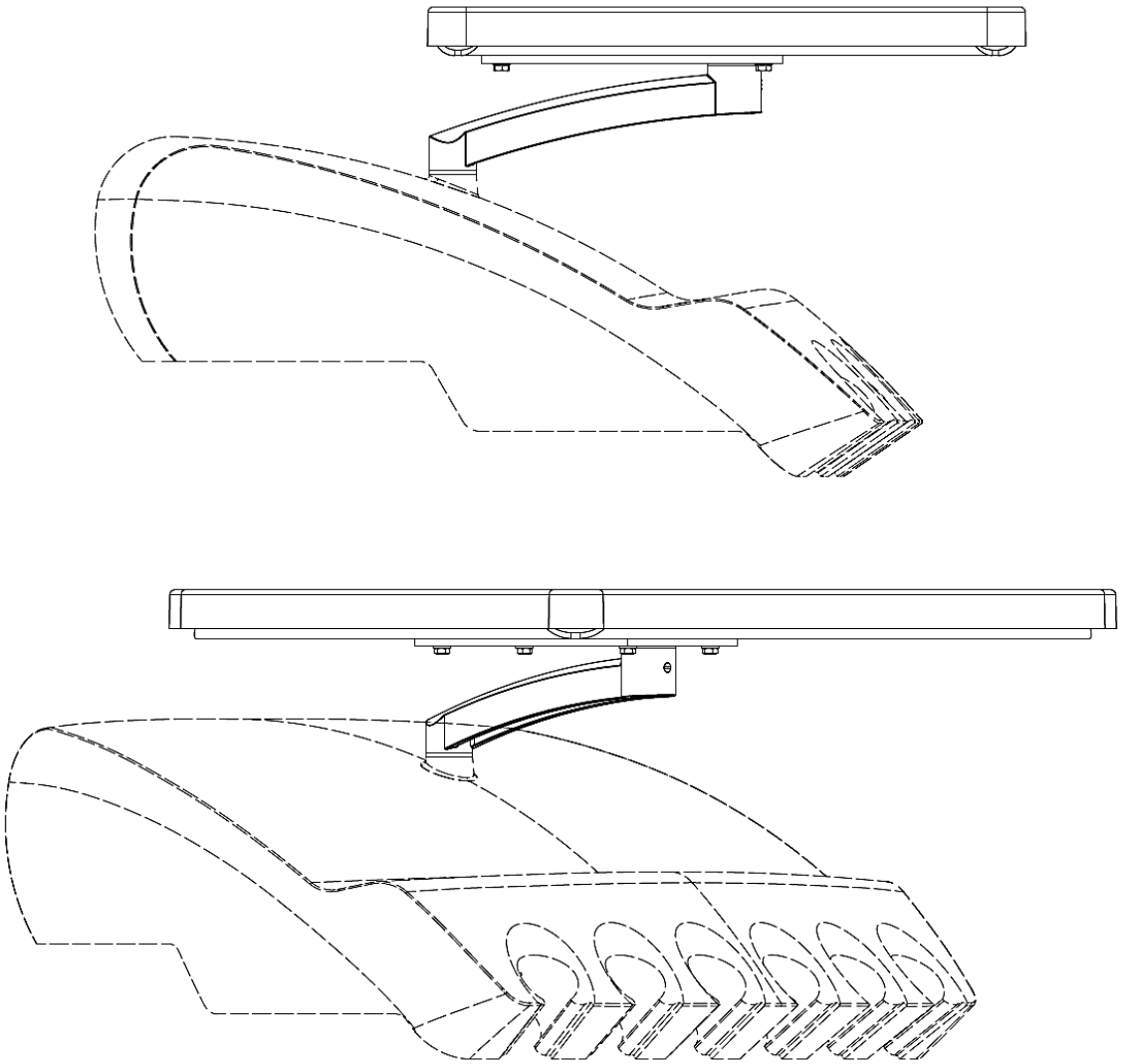


Pos.	Item no.	Product name	Unit	Quantity
001	V629.31-01-00	PERISTALTIC PUMP ASSEMBLY	PC	1.00
002	ME309251.107	THREADED FASTENER, M 4X16, DECORATIVE	PC	2.00
003	ME311214.033	WASHER, P 4.3	PC	2.00
004	ME311180.015	NUT, M 4	PC	2.00
901	ME374000.373	PD_3 MODULE	PC	1.00
902	ME375000.010	INSULATED CRIMP FITTING - NITI 0.25X8 BU	PC	2.00
903	ME374060.010	HOUSING, NSG 25-2	PC	1.00
904	ME372010.141	CRIMP CONTACT, NSK 25-0	PC	2.00

F - TRAY TABLES

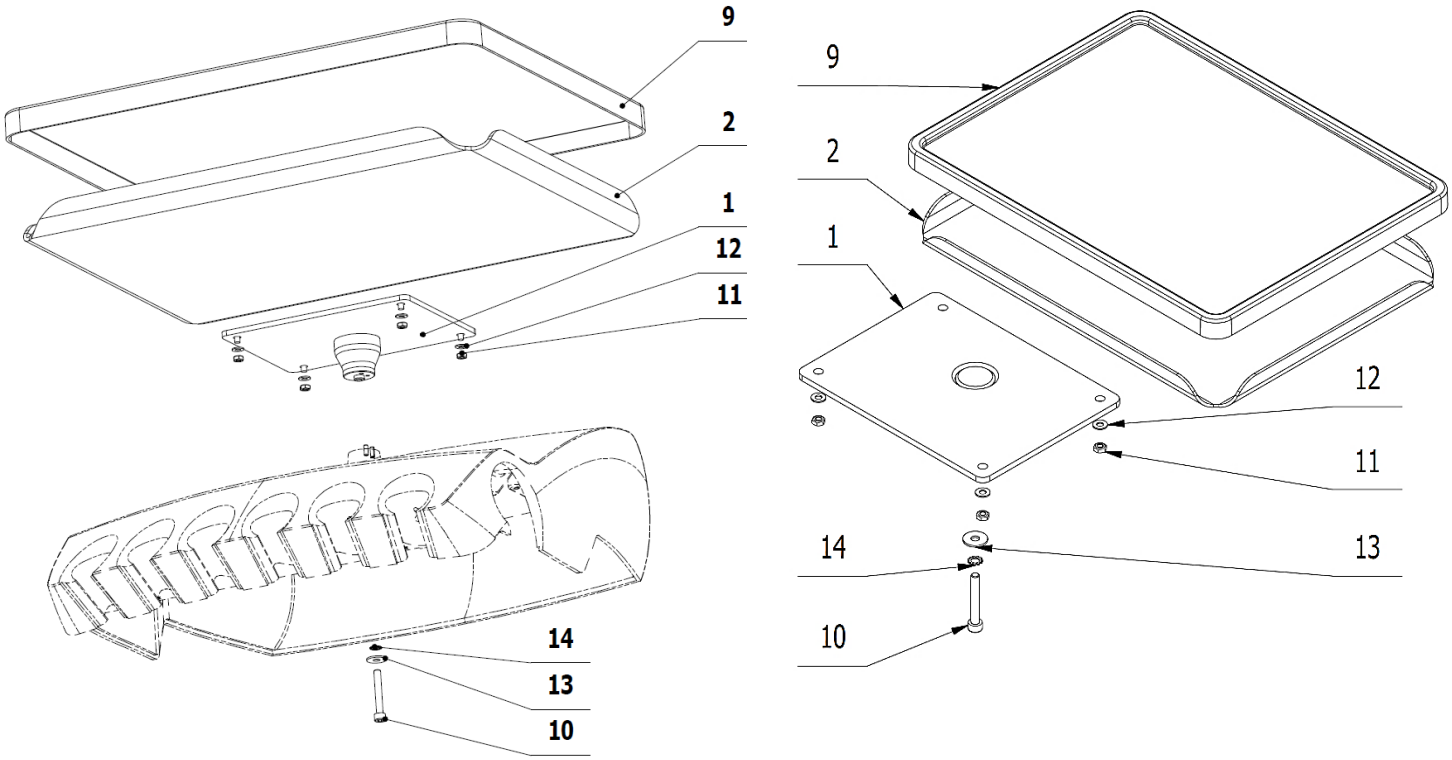
►PLASTIC TRAY TABLE, ROTATING (plastic tray holder, 285x380 mm) - V620.29-00-00.1

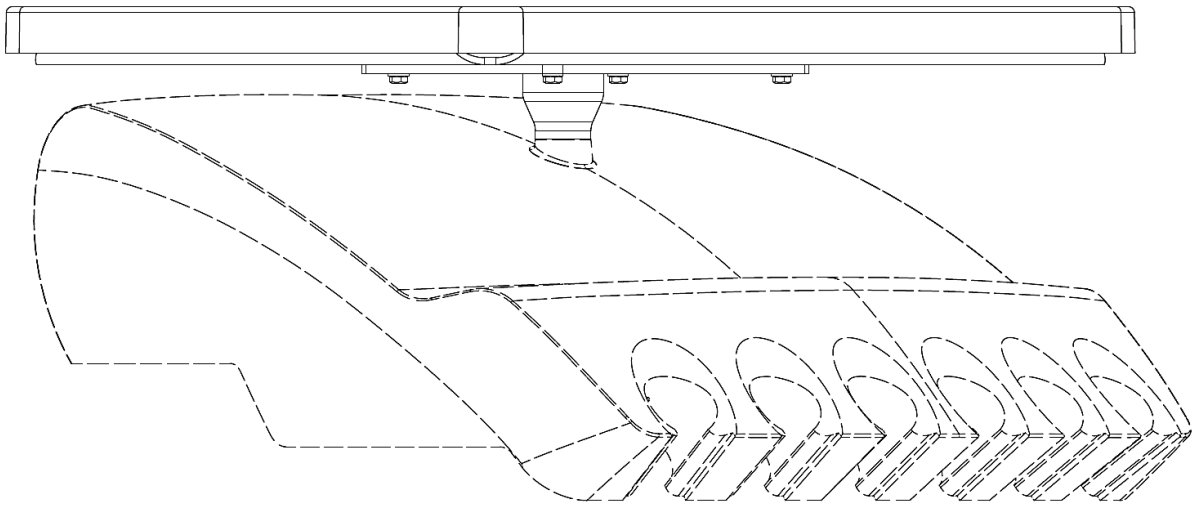




Pos.	Item no.	Product name	Unit	Quantity
001	V620.29-01-00	DENTIST'S TRAY TABLE II CONSOLE / WHT1	PC	1.00
002	V606.29-02-00.S	CARRIER / WHT1	PC	1.00
003	V620.29-03-00.S	TRAY - ASSEMBLY / WHT1	PC	1.00
006	ME283199.010	TRAY HOLDER, LARGE, glossy, no ribbing (HPS MG white)	PC	1.00
007	V620.29-00-02	STUD 1 FOR TRAY TABLE II.	PC	1.00
008	V606.29-10-00	WASHER	PC	1.00
009	V618.29-00-06	SLIP WASHER 2	PC	1.00
010	V620.29-00-07	SLIP WASHER 3	PC	1.00
016	ME311565.012	PIN, P 3X12 CYLINDRICAL	PC	1.00
017	ME311120.016	NUT, M 4	PC	4.00
018	ME309281.019	THREADED FASTENER, M 6X6	PC	1.00
019	ME311120.084	NUT, M6	PC	1.00
020	ME311212.008	WASHER, P 6.4, BENEATH RIVET	PC	1.00
021	ME311210.028	WASHER, P 4.3	PC	4.00

►PLASTIC TRAY TABLE, FIXED (plastic tray holder, 285x380 mm) - V620.29-00-00.2

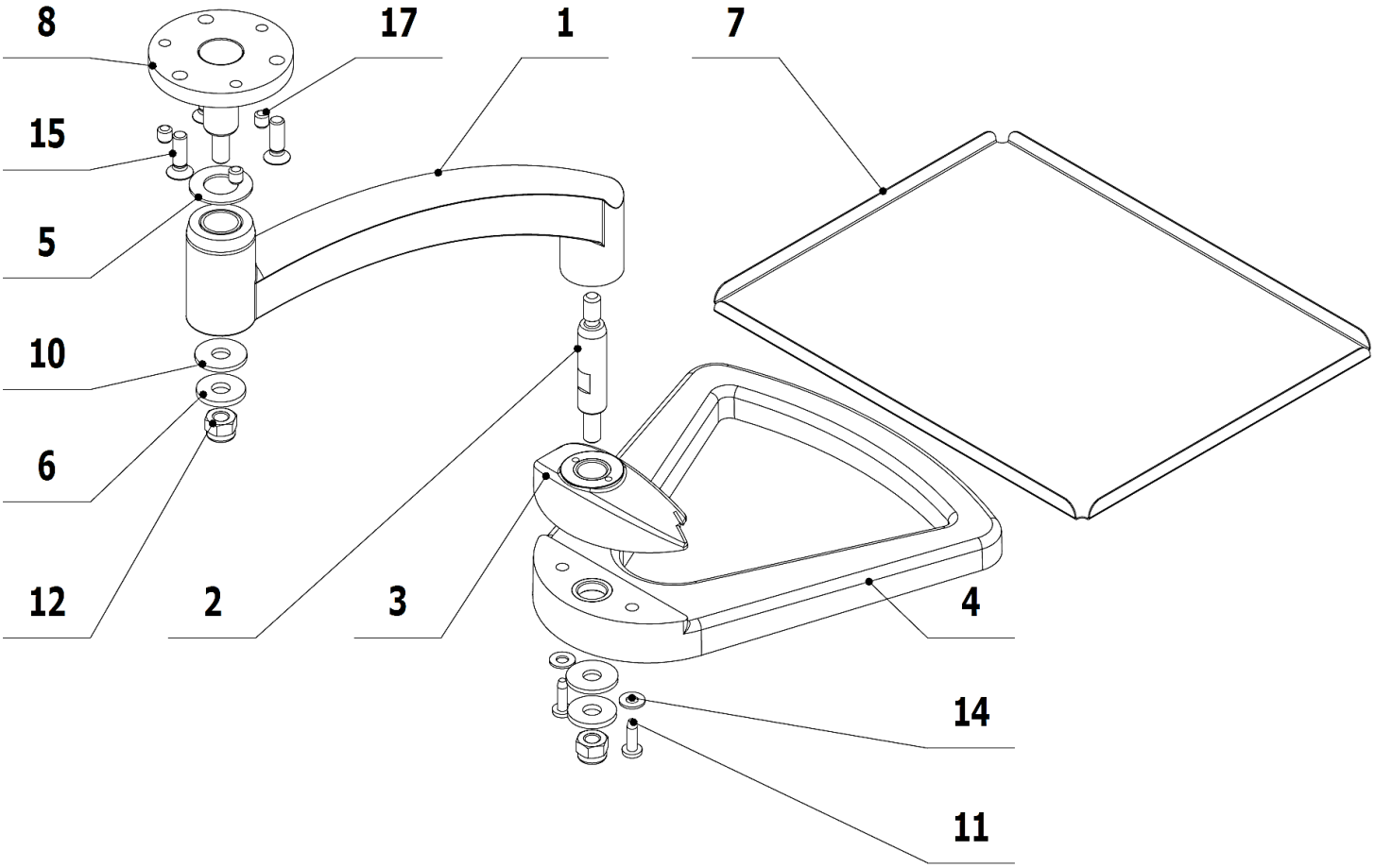




Pos.	Item no.	Product name	Unit	Quantity
001	V620.29-02-00.S	TRAY HOLDER / WHT1	PC	1.00
002	V620.29-04-00.S	TRAY 2 - ASSEMBLY / WHT1	PC	1.00
009	ME283199.010	TRAY HOLDER, LARGE, glossy, no ribbing (HPS MG white)	PC	1.00
010	ME309543.128	THREADED FASTENER, M 5X35	PC	1.00
011	ME311120.016	NUT, M 4	PC	4.00
012	ME311212.020	WASHER, P 4.3	PC	4.00
013	ME311212.018	WASHER, P 5.3	PC	1.00
014	ME311214.003	WASHER, P 5.3	PC	1.00

►TRAY TABLE - V618.29-00-00 (for 290x370 mm stainless steel tray)

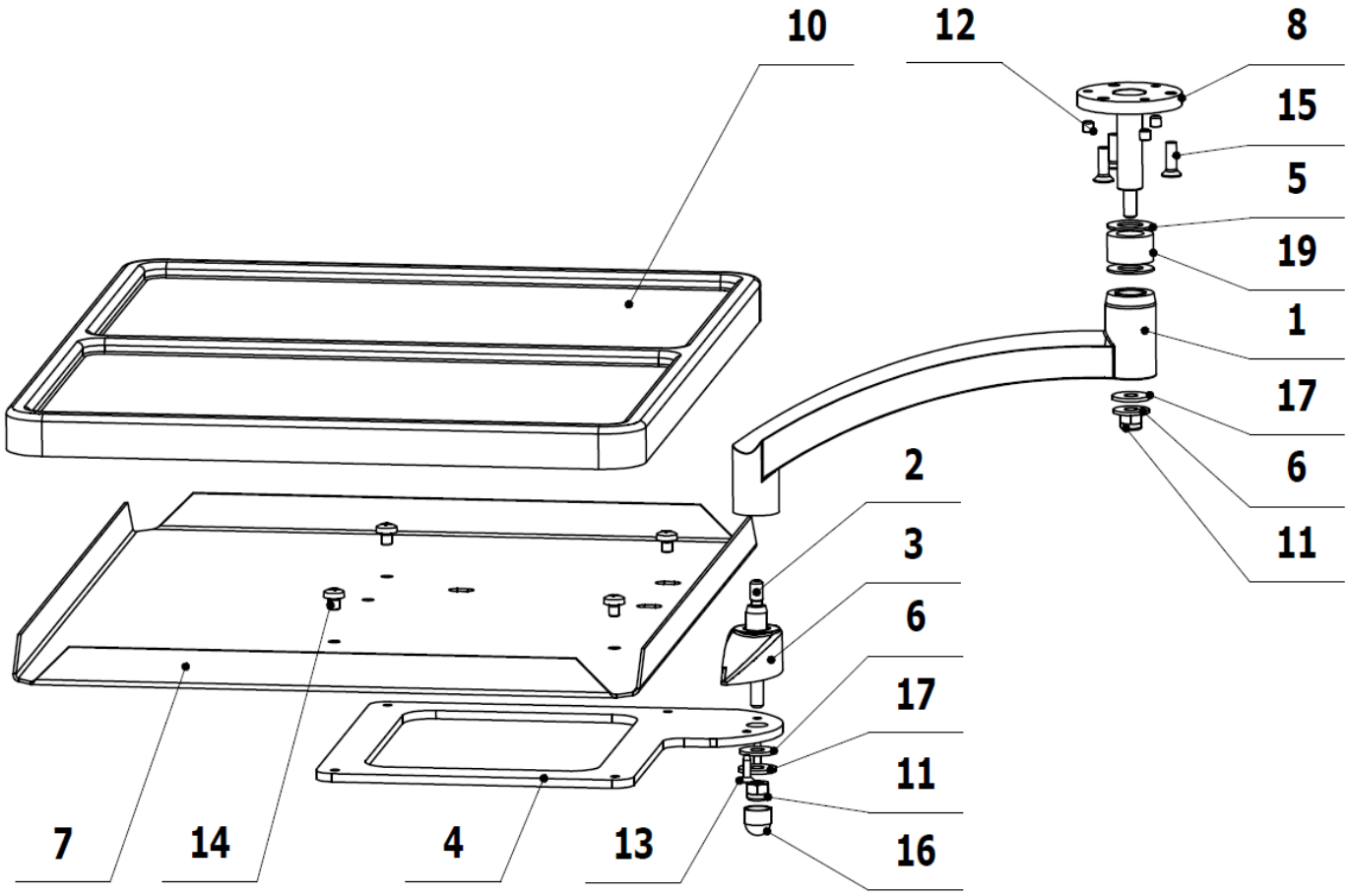
(only for DA270, DA370)



Pos.	Item no.	Product name	Unit	Quantity
001	V618.29-00-01	DENTIST'S TRAY TABLE CONSOLE	PC	1.00
002	V618.29-00-02	STUD	PC	1.00
003	V618.84-02-00.1	TOP TRAY TABLE HOLDER - MODIFIED	PC	1.00
004	V618.84-03-00	BOTTOM TRAY TABLE HOLDER	PC	1.00
005	V618.29-00-05	SLIP WASHER 1	PC	1.00
006	V618.29-00-06	SLIP WASHER 2	PC	2.00
007	V618.29-00-07.1	LOAD-BEARING TRAY	PC	1.00
008	V618.29-01-00	UPPER STUD, ASSEMBLY	PC	1.00
010	ME311212.008	WASHER, P 6.4, BENEATH RIVET	PC	2.00
011	ME309285.072	THREADED FASTENER, P 3.5X12 ECO SYN	PC	2.00
012	ME311120.084	NUT, M6	PC	2.00
014	ME311210.028	WASHER, P 4.3	PC	2.00
015	ME309251.110	THREADED FASTENER, M 5X16	PC	3.00
017	ME309287.005	THREADED FASTENER, M 5X5	PC	3.00

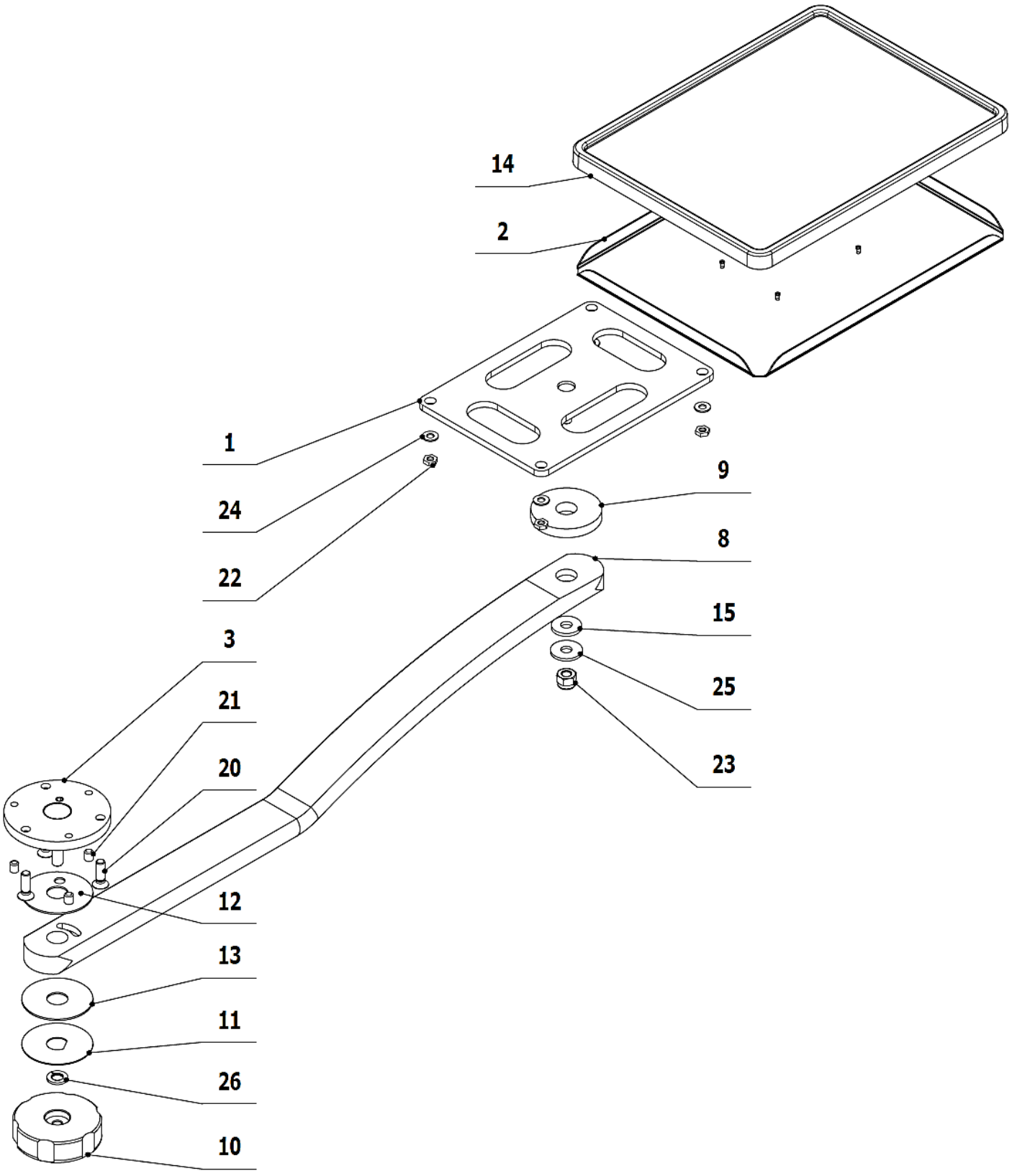
►REINFORCED TRAY TABLE - V618.29-00-00.2

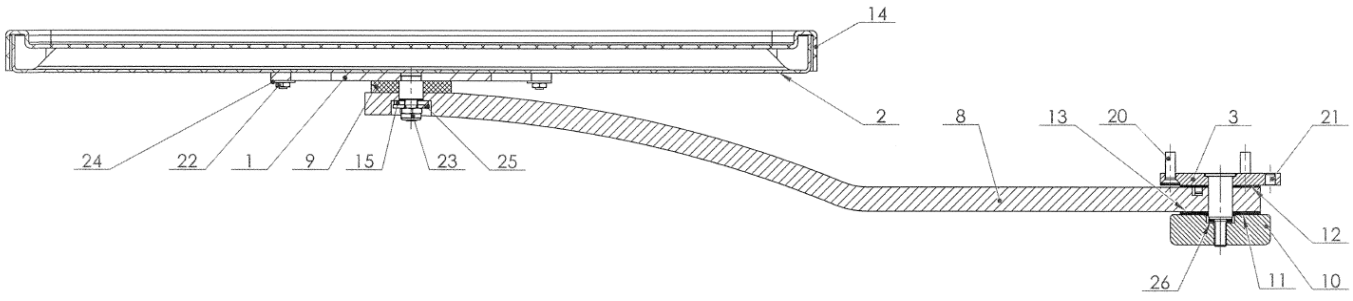
(only for DA270, DA370)



Position	Item no.	Product name	Unit	Quantity
001	V618.29-00-01	DENTIST'S TRAY TABLE CONSOLE / WHT1	PC	1.00
002	V618.29-00-02	STUD	PC	1.00
003	V618.84-02-00.2	TOP TRAY HOLDER - MODIFIED 2	PC	1.00
004	V618.29-00-04.S	PLATE / WHT1	PC	1.00
005	V618.29-00-05	SLIP WASHER 1	PC	2.00
006	V618.29-00-06	SLIP WASHER 2	PC	2.00
007	V608.29-00-03.S	TRAY BACKING / WHT1	PC	1.00
008	V618.29-01-00.1	UPPER STUD, ASSEMBLY / WHT1	PC	1.00
010	ME283199.010	TRAY HOLDER, LARGE, glossy, no ribbing (HPS MG white)	PC	1.00
011	ME311120.084	NUT, M6	PC	2.00
012	ME309287.005	THREADED FASTENER, M 5X5	PC	3.00
013	ME309285.064	THREADED FASTENER, P 3.5X14 ECO SYN	PC	2.00
014	ME309255.050	THREADED FASTENER, M 5X6	PC	4.00
015	ME309251.110	THREADED FASTENER, M 5X16	PC	3.00
016	ME321000.110	NUT COVER, M6, WHITE	PC	1.00
017	ME311212.008	WASHER, P 6.4, BENEATH RIVET	PC	2.00
019	V618.29-00-19	RING / WHT1	PC	1.00

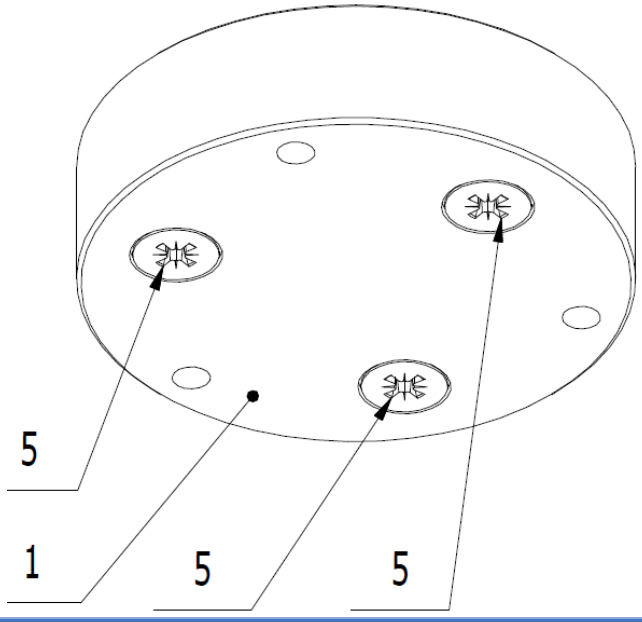
►EXTENDED TRAY (plastic tray holder 285x380 mm) - V620.29-00-00.3





Pos.	Item no.	Product name	Unit	Quantity
001	V620.29-05-00	PLATE - ASSEMBLY / WHT1	PC	1.00
002	V620.29-06-00	TRAY BACKING - ASSEMBLY / WHT1	PC	1.00
003	V618.29-01-00.2	UPPER STUD - ASSEMBLY / WHT1	PC	1.00
008	V620.29-00-08	CONSOLE / WHT1	PC	1.00
009	V620.29-00-09	UPPER WASHER	PC	1.00
010	V620.29-00-10	HAND WHEEL / WHT1	PC	1.00
011	V620.29-00-11	WASHER, STAINLESS	PC	1.00
012	V620.29-00-12	SLIP WASHER WITH STOP	PC	1.00
013	V620.29-00-13	SLIP WASHER	PC	1.00
014	ME283199.010	TRAY HOLDER, LARGE, glossy, no ribbing (HPS MG white)	PC	1.00
015	V618.29-00-06	SLIP WASHER 2	PC	1.00
020	ME309251.110	THREADED FASTENER, M 5X16	PC	3.00
021	ME309543.094	THREADED FASTENER, M 5X6	PC	3.00
022	ME311180.015	NUT, M 4	PC	4.00
023	ME311120.084	NUT, M6	PC	1.00
024	ME311212.020	WASHER, P 4.3	PC	4.00
025	ME311212.008	WASHER, P 6.4, BENEATH RIVET	PC	1.00
026	ME311214.034	WASHER, P 6	PC	1.00

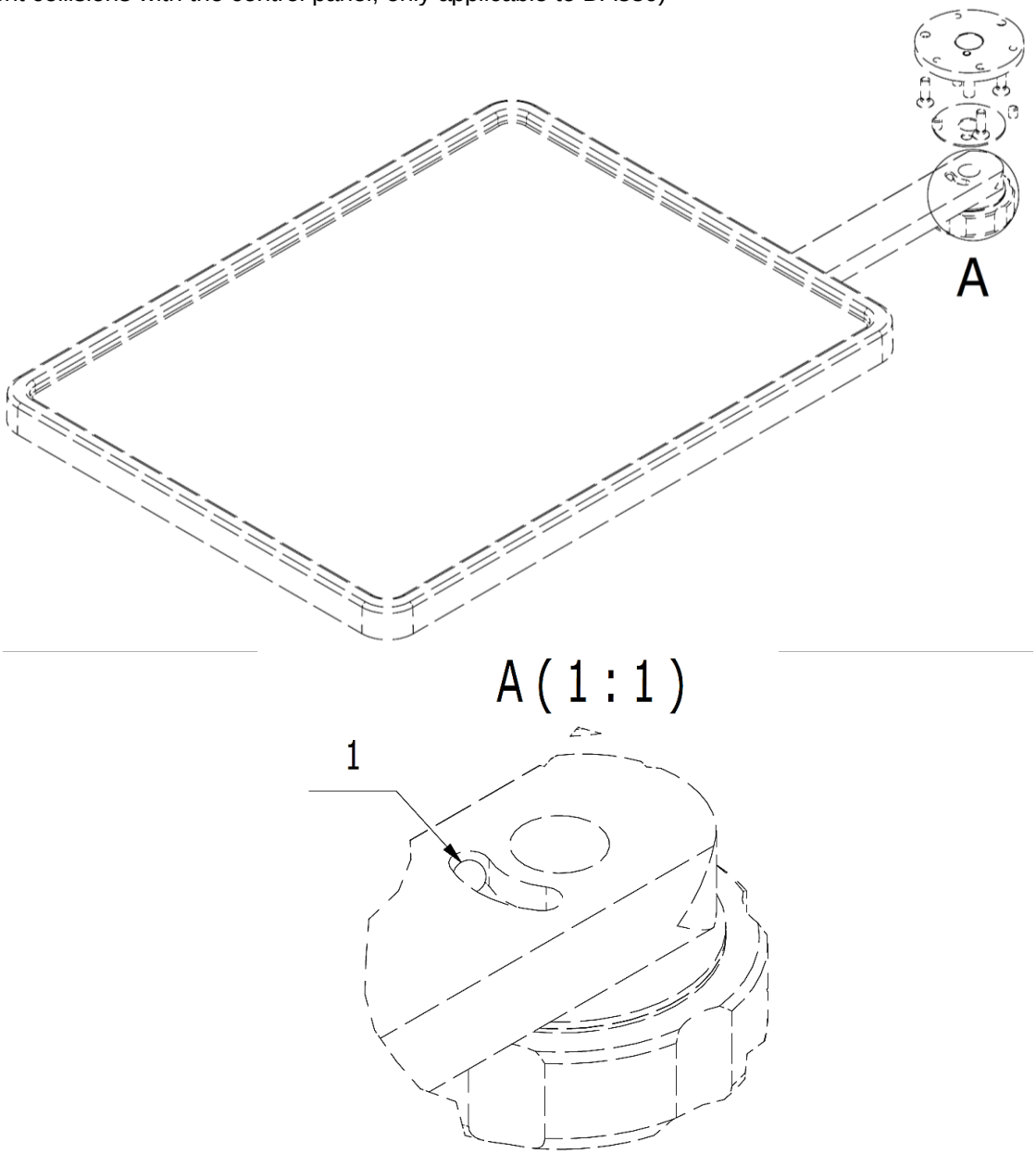
►EXTENDED TRAY TABLE ACCESSORY - V620.29-00-00.4



Pos.	Item no.	Product name	Unit	Quantity
001	V620.29-00-14	BASE EXTENSION / WHT1	PC	1.00
005	ME309251.072	THREADED FASTENER, M 5X20	PC	3.00

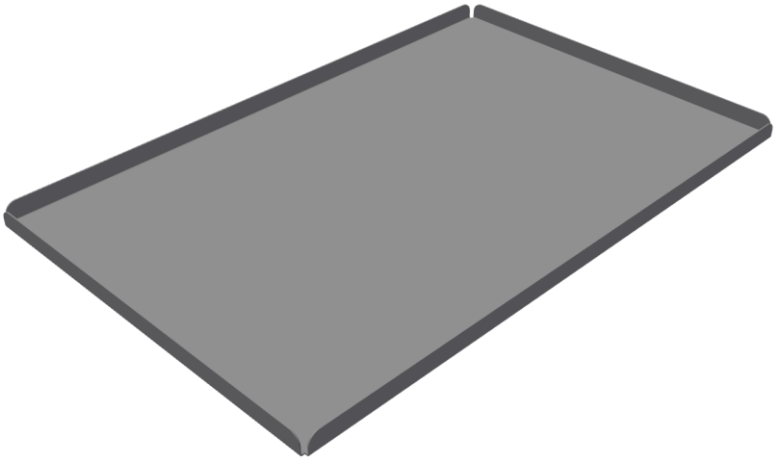
►EXTENDED TRAY TABLE ACCESSORY - V620.29-00-00.7

(used to prevent collisions with the control panel, only applicable to DA380)



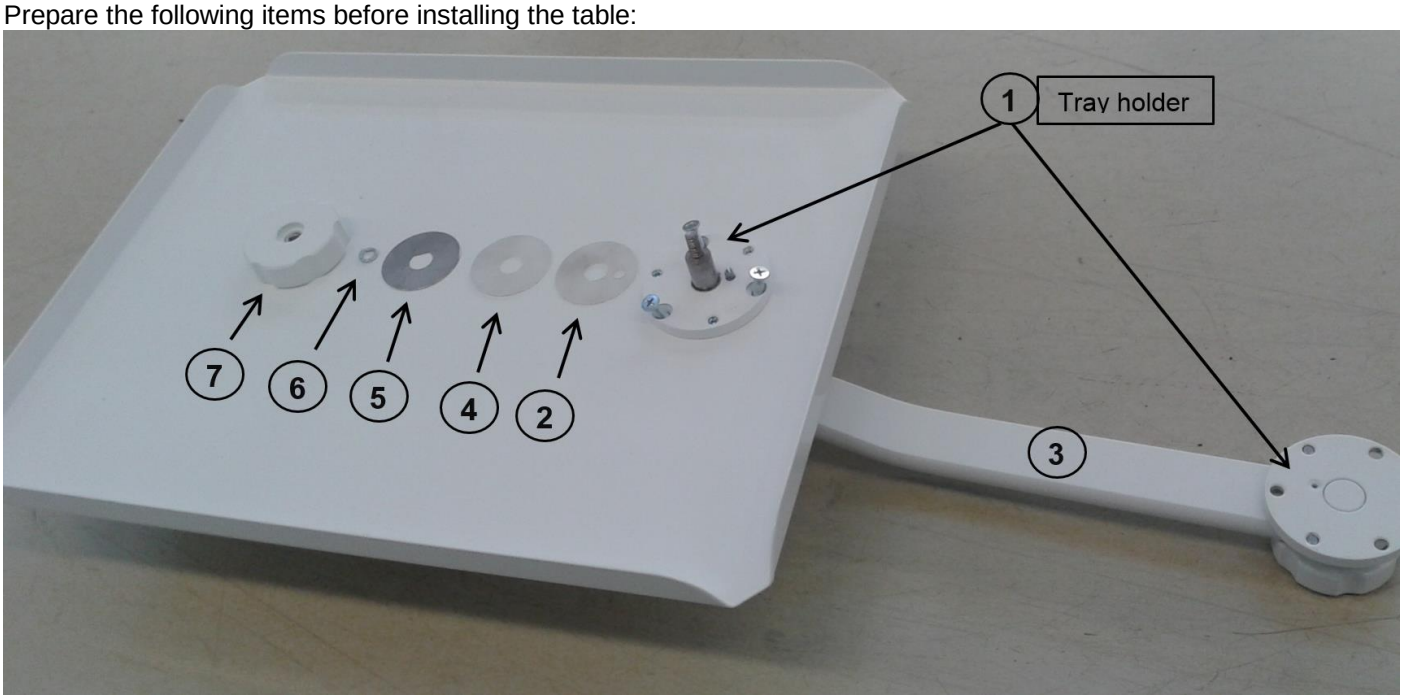
Pos.	Item no.	Product name	Unit	Quantity
001	ME324912.003	BALL BEARING D 3.969	PC	1.00

►V602.2-00-58.2 – TRAY, 2-piece, 180x280mm



Extended tray table (V620.29-00-00.3) installation procedure for DA270

Prepare the following items before installing the table:



If the display is located on the right-hand side of the control panel, install the table on the left side of the control panel, and vice versa. Do not install the table on the same side as the touchscreen display.

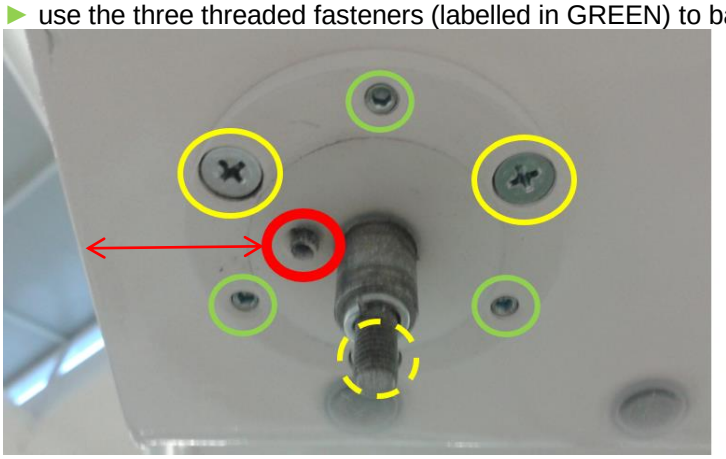


Installing the holder on the bottom of the control panel

► install the holder on the bottom of the control panel so that the stop pin (labelled in RED) is pointing to the closest edge of the dentist's control panel

► use the three threaded fasteners to mount the holder to the control panel (labelled in YELLOW)

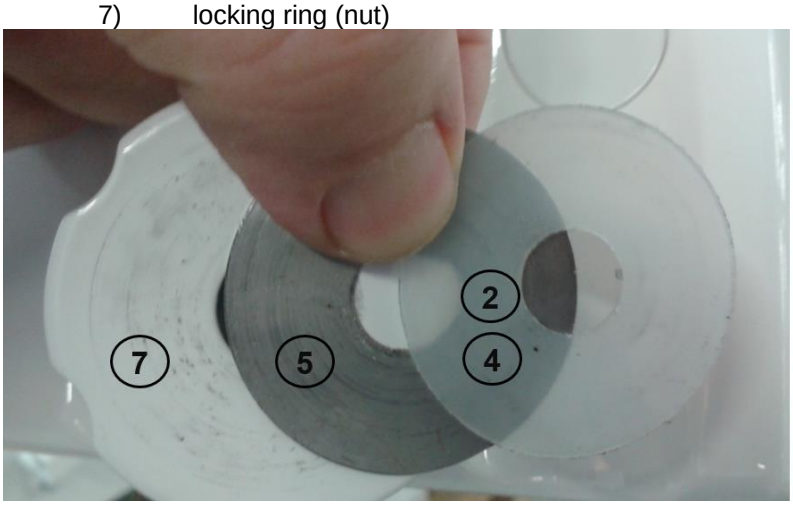
► use the three threaded fasteners (labelled in GREEN) to balance the tray table

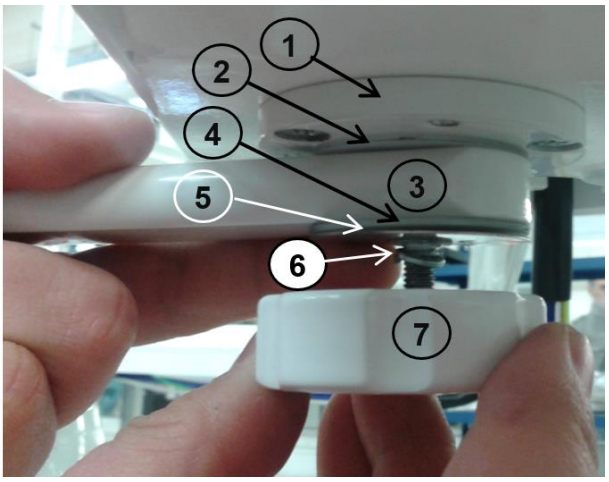




Order for installing the individual components on the holder stud:

1) holder
2) slip washer with stop
3) table with arm
4) slip washer
5) stainless washer
6) spring washer
7) locking ring (nut)



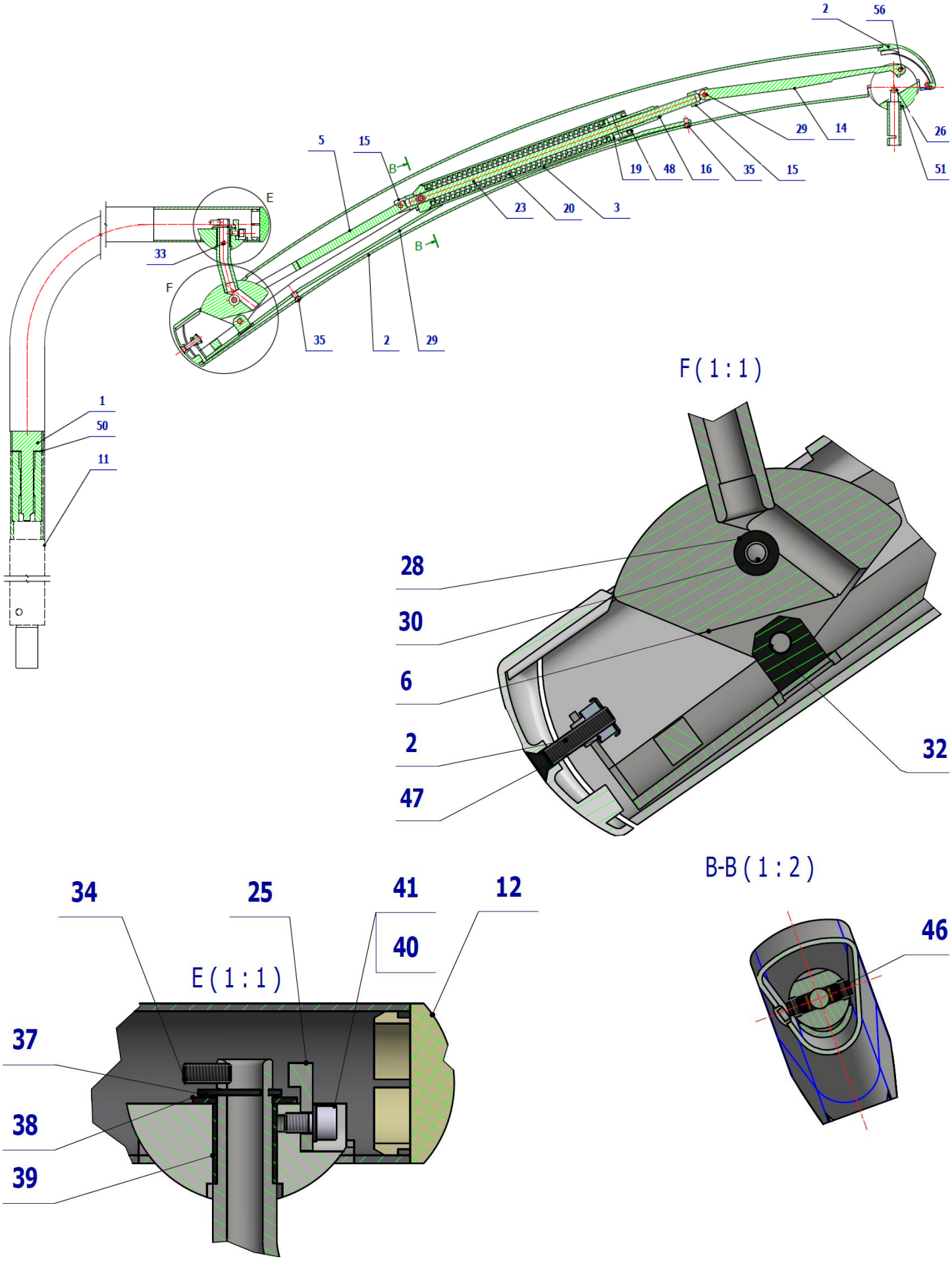






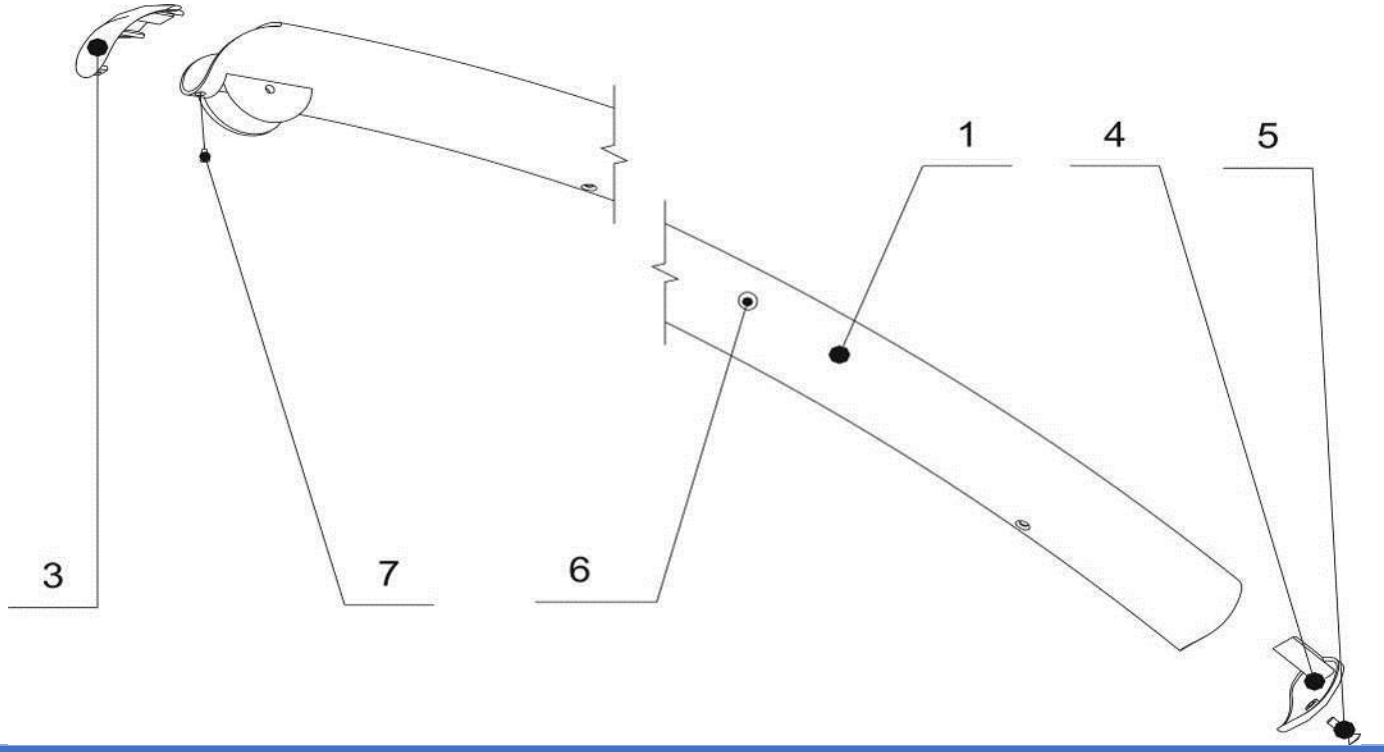
G - ARTICULATED LIGHT ARM

►ARTICULATED LIGHT ARM - V605.11-00-00.7 K-008



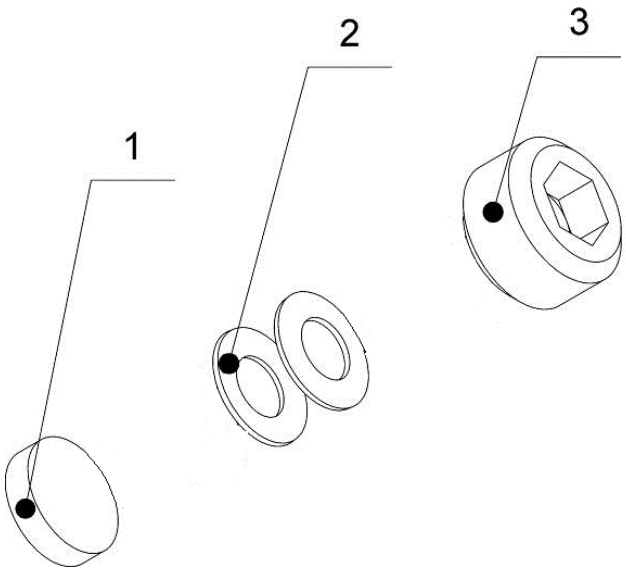
Pos.	Item no.	Product name	Unit	Quantity
001	V600.11-01-00	STAND / WHT1	PC	1.00
002>>	V618.21-00-00	ARTICULATED LIGHT ARM COVER / WHT1	PC	1.00
003	v605.11-03-00.S	BALLAST L.NO.1/2 / WHT1	PC	1.00
005	V605.11-05-00.1	ROD / WHT1	PC	1.00
006	V605.11-06-00.1	STUD, COMPLETE / WHT1	PC	1.00
011	V624.23-00-00.2	ARTICULATED LIGHT ARM HOLDER / WHT1	PC	OPTIONAL
012	V607.08-00-12	PLUG / WHT1	PC	1.00
014	V605.11-00-14	ROD, MODIFIED / WHT1	PC	1.00
015	V600.11-00-15	CONNECTOR	PC	2.00
016	V605.11-00-16	NUT	PC	1.00
019	V600.11-00-19	WASHER	PC	1.00
020	ME315000.065	SPRING, 4-600.11-00-20	PC	1.00
023	V607.08-00-23	ROD	PC	1.00
025	V600.11-00-25.1	STOP	PC	1.00
026	V605.11-00-26	PIN - MODIFIED	PC	1.00
028	ME311210.027	WASHER, P 6.4	PC	2.00
029	ME311565.021	PIN, P 5X16 CYLINDRICAL	PC	2.00
030	ME311565.024	PIN, P 5X30 CYLINDRICAL	PC	1.00
032	ME311565.063	PIN, P 6X30 CYLINDRICAL	PC	1.00
033	ME309287.005	THREADED FASTENER, M 5X5	PC	1.00
034	ME309543.098	THREADED FASTENER, M 5X12	PC	1.00
035	ME309285.057	THREADED FASTENER, M 5X10	PC	2.00
037	ME311732.014	RING, P 12	PC	1.00
038	ME323427.029	RING, A 14/KU	PC	1.00
039	ME323427.028	SLEEVE, 1420 KU	PC	1.00
040	ME311214.031	WASHER, P 5.1	PC	1.00
041	ME309543.093	THREADED FASTENER, M 5X8	PC	1.00
046>>	V605.11-46-00	AUXILIARY BRAKE	PC	2.00
047	ME548241.030	NUT, KLIPKO M5-R-083-35	PC	1.00
048	V605.11-00-48	THREADED FASTENER FOR BALLAST	PC	1.00
050	V605.11-00-50	WASHER	PC	1.00
051	V605.11-51-00	LIGHT HOLDER / WHT1	PC	1.00
056	ME311565.022	PIN, P 5X20 CYLINDRICAL	PC	1.00
901	ME341413.083	CABLE, LiYY 5x0.34	M	5.00

>>ARTICULATED LIGHT ARM COVER - V618.21-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V618.21-02-00	ARM - WELDMENT / WHT1	PC	1.00
003	V618.21-00-03.1	FRONT COVER / WHT1	PC	1.00
004	V618.21-00-04.1	REAR COVER / WHT1	PC	1.00
005	ME309543.110	THREADED FASTENER, M 5X25	PC	1.00
006	ME321000.098	BLANK, 13x10X3, WHITE	PC	1.00
007	ME309328.003	THREADED FASTENER, M 3X8	PC	1.00

>>AUXILIARY BRAKE - V605.11-46-00



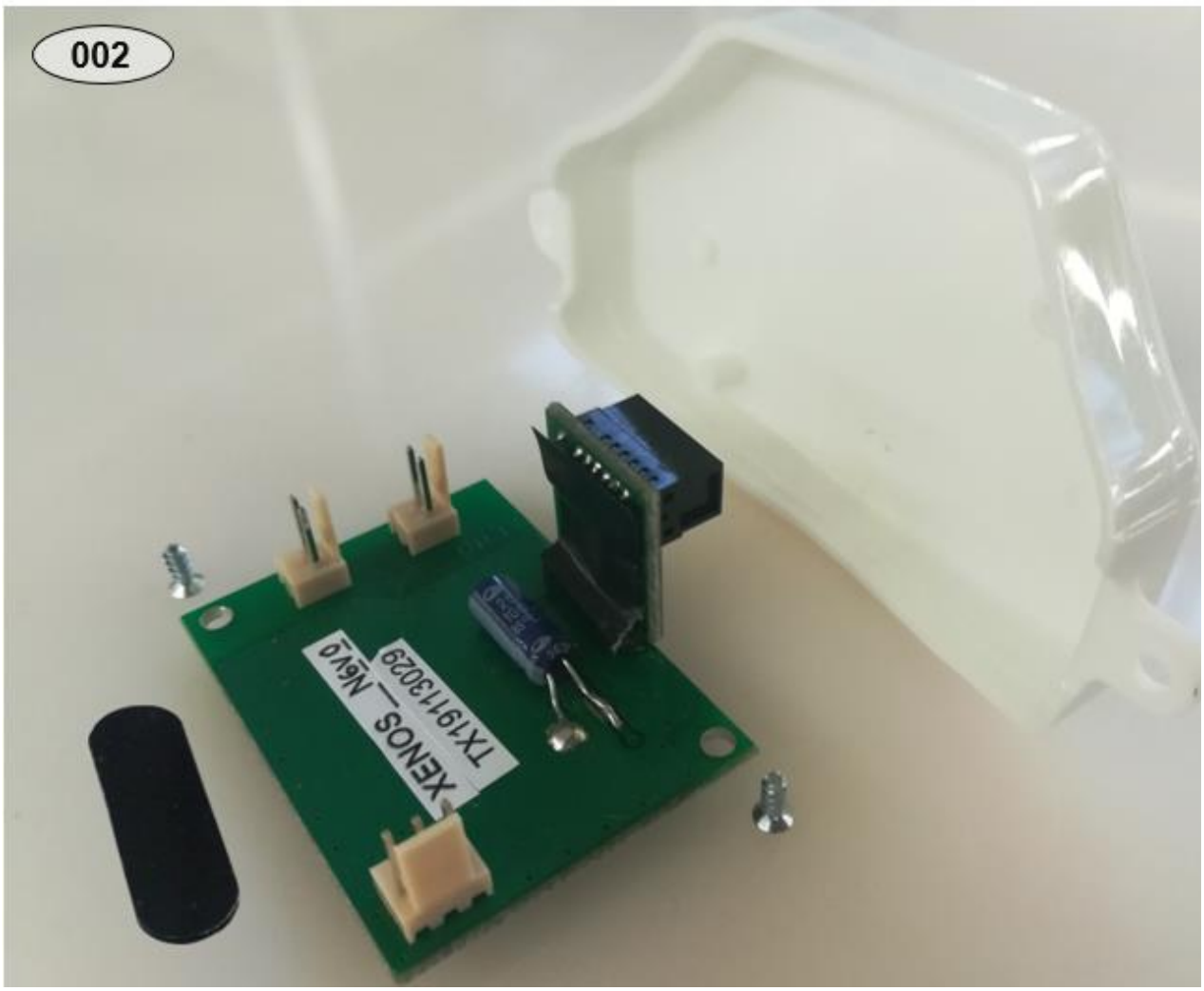
Pos.	Item no.	Product name	Unit	Quantity
001	V605.10-09-01	BRAKE BLOCK	PC	1.00
003	ME315000.072	SPRING 080X042X040X060 PLATE	PC	6.00
004	V605.11-46-04	M10 - MODIFIED	PC	1.00

H - OPERATING LIGHTS

H1 - XENOS fixture

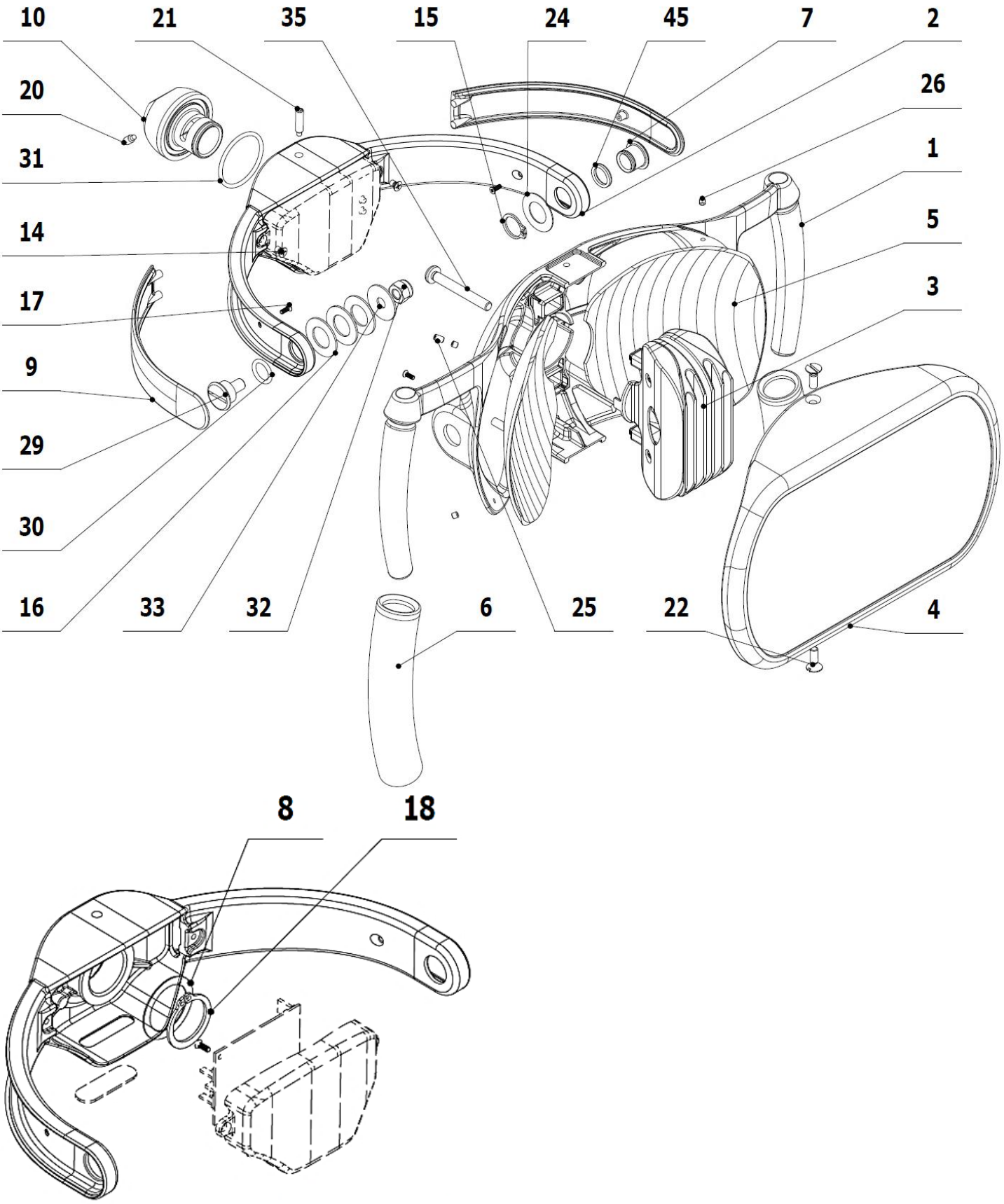
►COMPLETE XENOS FIXTURE WITH SENSOR - V690.00-37-00.5 K-003





Pos.	Item no.	Product name	Unit	Quantity
001>>	V618.07-00-00.1 K-001	XENOS OPERATING LIGHT	PC	1.00
002>>	V618.07-37-00.3	XENOS WITH SENSOR ACCESSORY	PC	1.00

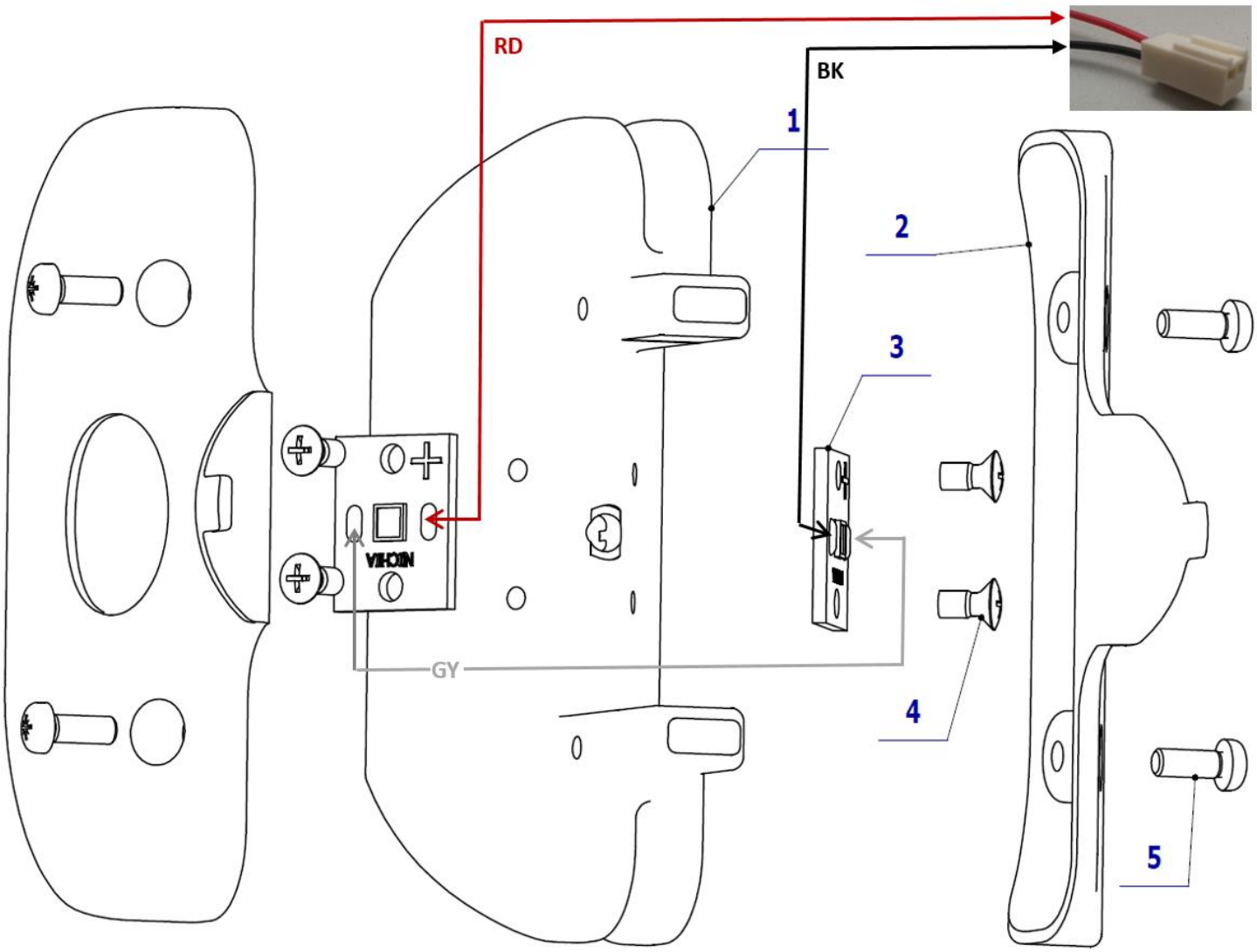
>>XENOS OPERATING LIGHT - V618.07-00-00.1 K-001



Pos.	Item no.	Product name	Unit	Quantity.
001	V618.07-00-01.S	LIGHT FIXTURE BASE	PC	1.00
002	V618.07-02-00.S	MOUNT, COMPLETE	PC	1.00
003>>	V618.07-03-00.2	COOLER, COMPLETE	PC	1.00

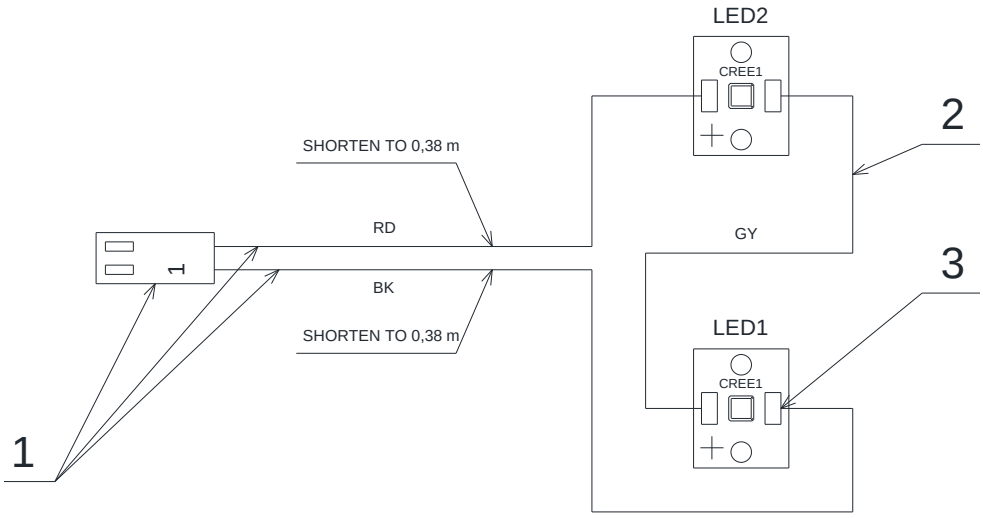
004	V618.07-04-00.1	FRONT COVER, COMPLETE	PC	1.00
005	V618.07-00-05	REFLECTOR	PC	2.00
006	ME321822.079	HANDLE COVER, RP 71991/60U white	PC	2.00
007	V618.07-00-07.2	CONNECTOR	PC	1.00
008	V510.01-00-38	RING, 2	PC	1.00
009	ME321822.056	ARM COVER	PC	2.00
010	V618.07-00-10.1	BALL JOINT	PC	1.00
014	ME309543.109	THREADED FASTENER, M 3X5	PC	2.00
015	ME311733.002	LOCK RING P 12	PC	1.00
016	V618.07-00-16	WASHER, PA 12.25 - 22x1.0	PC	2.00
017	ME309285.073	THREADED FASTENER, P 2.2x6 ECO SYN	PC	4.00
018	ME311733.008	LOCK RING P 20	PC	1.00
020	ME309287.025	THREADED FASTENER, M 4X8	PC	1.00
021	ME309287.024	THREADED FASTENER, M 4X16	PC	1.00
022	ME309251.125	THREADED FASTENER, M 4x12	PC	2.00
024	V618.07-00-24	WASHER, PA 12.25 - 22x0.5	PC	1.00
025	ME309543.077	THREADED FASTENER, M 3x5	PC	1.00
026	ME309543.078	THREADED FASTENER, M 3x3	PC	4.00
029	V618.07-00-07.1	JOINT, 1	PC	1.00
030	ME273111.133	O RING, P 10x2 NBR90	PC	1.00
031	ME273111.028	O RING, P 28X2	PC	1.00
032	ME311120.084	NUT, M6	PC	1.00
033	ME311212.022	PENNY WASHER, P 6x20 BN 732	PC	1.00
035	ME309255.098	THREADED FASTENER, M 5x40	PC	1.00
042	V605.12-42-00	PRODUCTION PACKAGING	PC	1.00
044	ME278511.007	SELF-ADHESIVE TAPE, 9X2 WHITE 20 M	m	0.05
045	ME273111.123	O RING, P 10X2 SILICONE	PC	1.00

>>COOLER, COMPLETE - V618.07-03-00.2



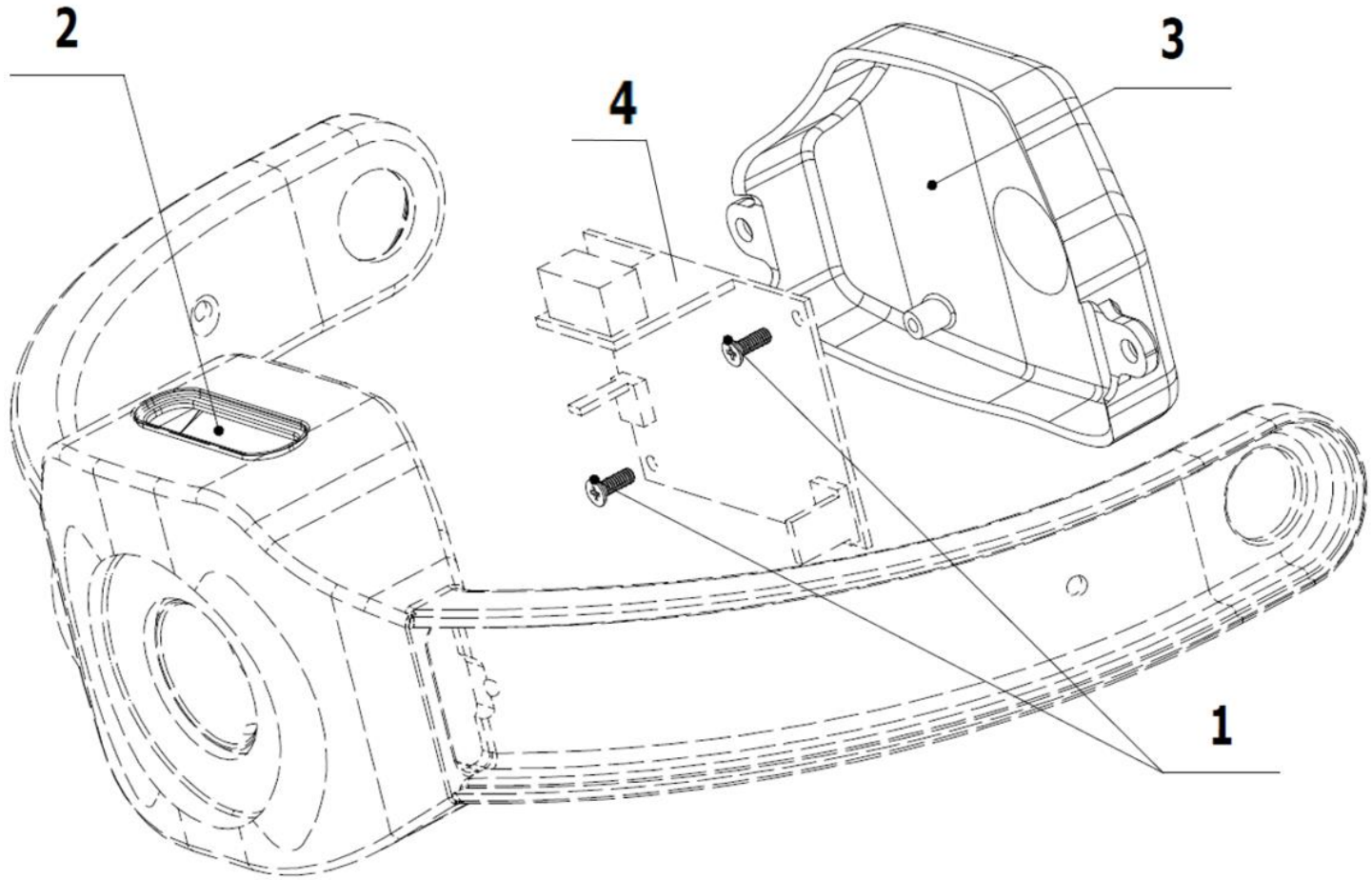
Pos.	Item no.	Product name	Unit	Quantity
001	V618.07-03-01.2	COOLER	PC	1.00
002	ME321822.060	COOLER COVER	PC	2.00
003>>	V618.07-90-02.3	LED CONNECTION ASSEMBLY	PC	1.00
004	ME309255.060	THREADED FASTENER, M 3X6	PC	4.00
005	ME309255.036	THREADED FASTENER, M 3X8	PC	4.00

>>LED CONNECTION ASSEMBLY - V618.07-90-02.3



Pos.	Item no.	Product name	Unit	Quantity
001	ME374511.005	2-PIN SOCKET WITH CABLE, 450 mm	PC	1
002	ME341419.008	WIRE, LiY 0.25 GY - 4126106S	M	0,6
003	ME374000.313	CREE1 MODULE	PC	2.00

►XENOS WITH SENSOR ACCESSORY - V618.07-37-00.3

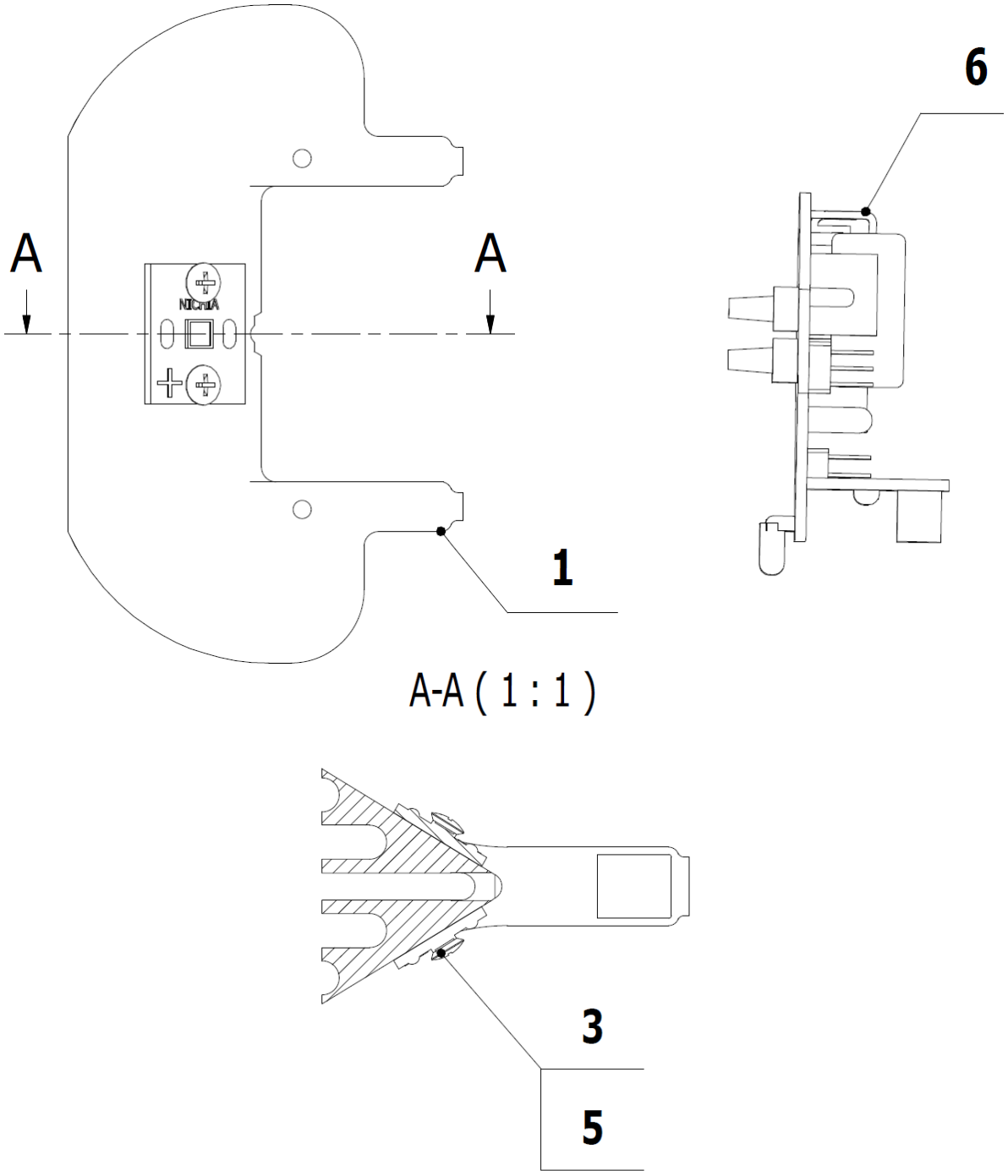


Pos.	Item no.	Product name	Unit	Quantity
001	ME309285.073	THREADED FASTENER, P 2.2x6 ECO SYN	PC	2.00
002	ME321822.058	SENSOR COVER	PC	1.00
003	ME321822.069	SEALED ELECTRONICS COVER	PC	1.00
004	ME374000.429	MODULE XENOS_N6v0	PC	1.00

► SPARE PART: XENOS COOLER, COMPLETE (SIDE MOUNT) - V618.07-51-00.1

This spare part kit was created due to the lack of availability of older NICHIA CHIP LEDs used in older XENOS fixtures.

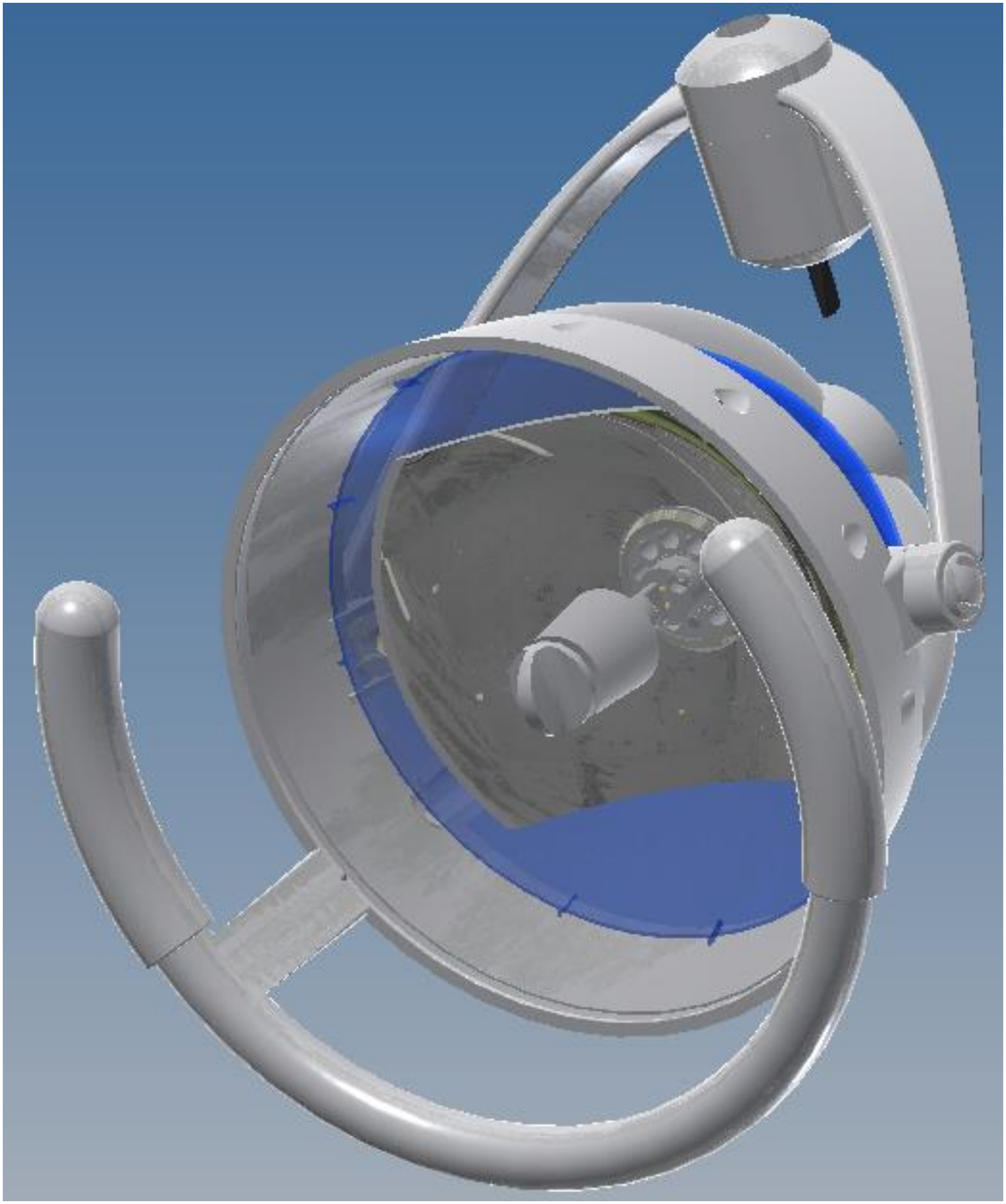
The kit is only necessary when replacing older type NICHIA LEDs given the difference in mounting the LED Cree1 module to the cooler and the different power values.



Pos.	Item no.	Product name	Unit	Quantity
001	V618.07-03-01.3	COOLER, UNIVERSAL	PC	1.00
003	ME309255.060	THREADED FASTENER, M 3X6	PC	4.00
005	ME374000.313	CREE1 MODULE	PC	2.00
006	ME374000.429	MODULE XENOS_N6v0	PC	1.00

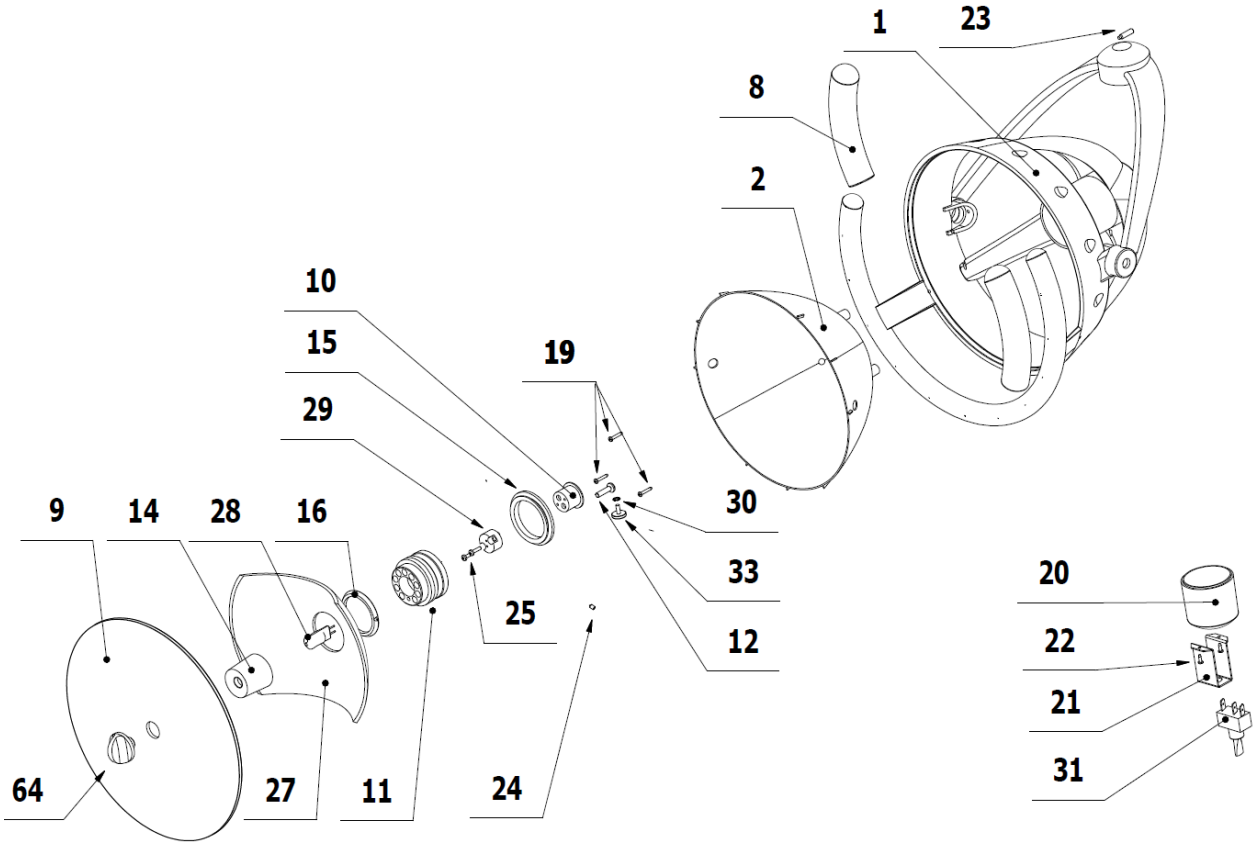
H2 - SIRIUS fixture

►COMPLETE SIRIUS FIXTURE WITH SWITCH, WHITE - V690.00-60-00



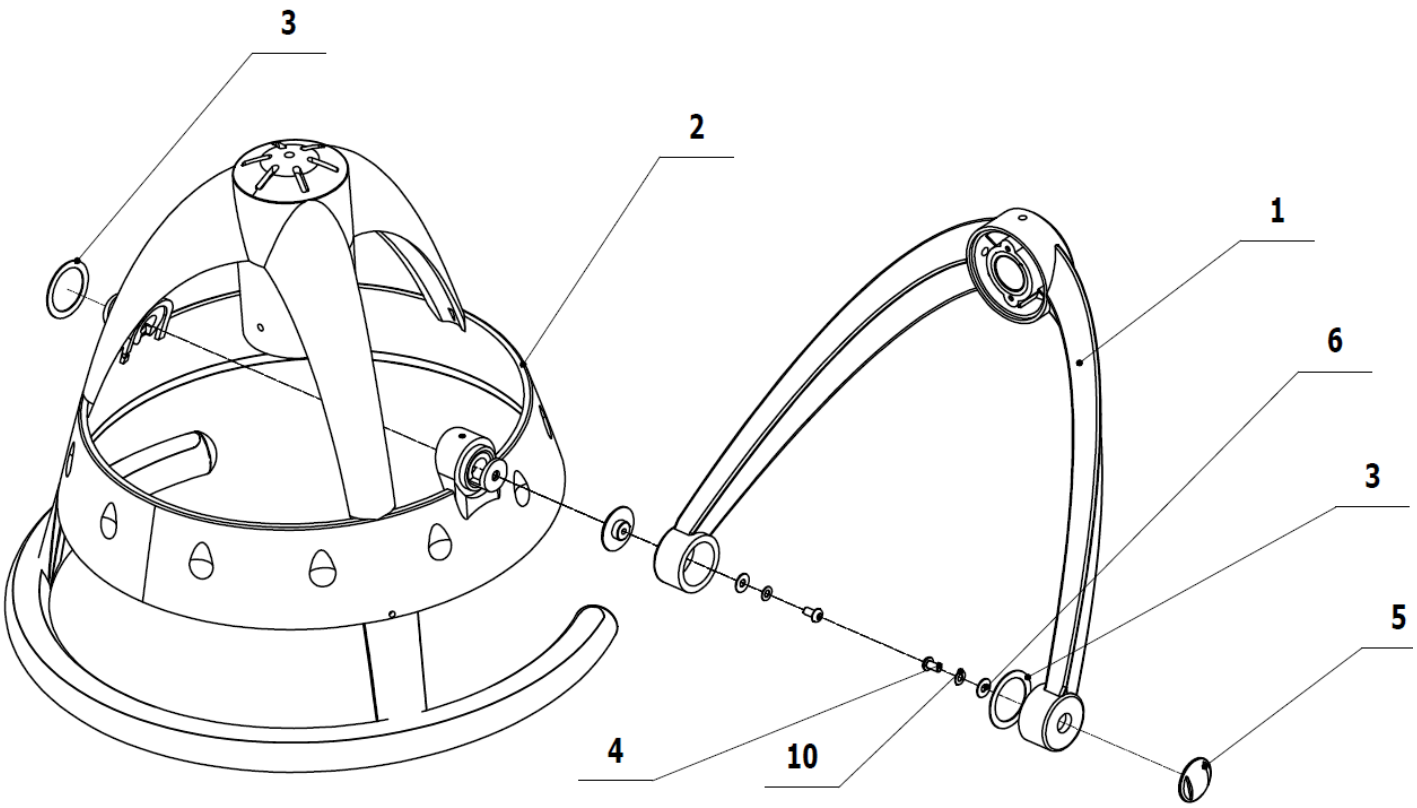
Pos.	Item no.	Product name	Unit	Quantity
001>>	V605.12-00-00.K	SIRIUS OPERATING LIGHT WITH SWITCH	PC	1.00

►COMPLETE SIRIUS OPERATING LIGHT WITH SWITCH - V605.12-00-00.K



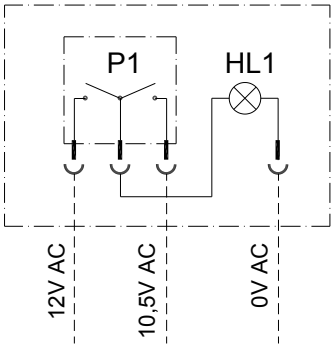
Pos.	Item no.	Product name	Unit	Quantity
001>>	V605.12-11-00	TRIPOD SUB ASSEMBLY (tripod+mount no. 1	PC	1.00
002	V605.12-00-02	LAMP COVER	PC	1.00
008	V605.12-00-08	COVER	PC	2.00
009	V605.12-00-09.1	FRONT COVER	PC	1.00
010	V605.12-00-10	SOCKET HOLDER	PC	1.00
011	V605.12-00-11	SLEEVE	PC	1.00
012	V605.12-00-12	THREADED FASTENER - MODIFIED	PC	1.00
014	V605.12-00-14	SHADE	PC	1.00
015	ME321822.007	REFLECTOR SEAL	PC	1.00
016	V605.12-00-16	RING	PC	1.00
019	ME309285.059	THREADED FASTENER, KA 22X12	PC	3.00
020	V605.12-00-20.K	SWITCH CUP	PC	1.00
021	V605.12-00-21	SWITCH HOLDER	PC	1.00
022	ME309285.045	THREADED FASTENER, KA 22X6	PC	2.00
023	ME309287.024	THREADED FASTENER, M 4X16	PC	1.00
024	ME309281.090	THREADED FASTENER, M 3X5	PC	2.00
025	ME309255.065	THREADED FASTENER, M 2.5x10	PC	2.00
027	ME348000.020	PARABOLA, JOS-K	PC	1.00
028	ME348000.006	HALOGEN LAMP, H 64440, 12 V, 50 W	PC	2.00
029	ME342711.005	CERAMIC BASE, G(Y) 6.35	PC	1.00
030	ME311214.001	WASHER, P 3.2, SERRATED	PC	1.00
031	ME348000.021	SWITCH, C1720R	PC	1.00
033	ME309251.098	THREADED FASTENER, M 3X8	PC	1.00
064	V605.12-00-07.0	SHADE HOLDER	PC	1.00

TRIPOD SUB ASSEMBLY (tripod+mount no. 1) - V605.12-11-00



Pos.	Item no.	Product name	Unit	Quantity
001	V605.12-04-00	MOUNT, COMPLETE	PC	1.00
002	V605.12-13-00	TRIPOD SUB ASSEMBLY	PC	1.00
003	V605.12-00-37	WASHER	PC	2.00
004	ME309256.001	THREADED FASTENER, M 3X6	PC	2.00
005	V605.12-00-60	NUT	PC	2.00
006	ME311216.001	WASHER, M 3	PC	2.00
010	ME311217.001	WASHER, P 3x6 S=0.3	PC	2.00

Connection schematic for SIRIUS light with three-position switch



Pos.	Item code	Product name	Type
HL1	ME348000.006	HALOGEN LAMP, 12 V, 50 W	OSRAM HALOSTAR STANDARD 64440
P1	ME348000.021	SWITCH	ARCOELECTRIC C1720R

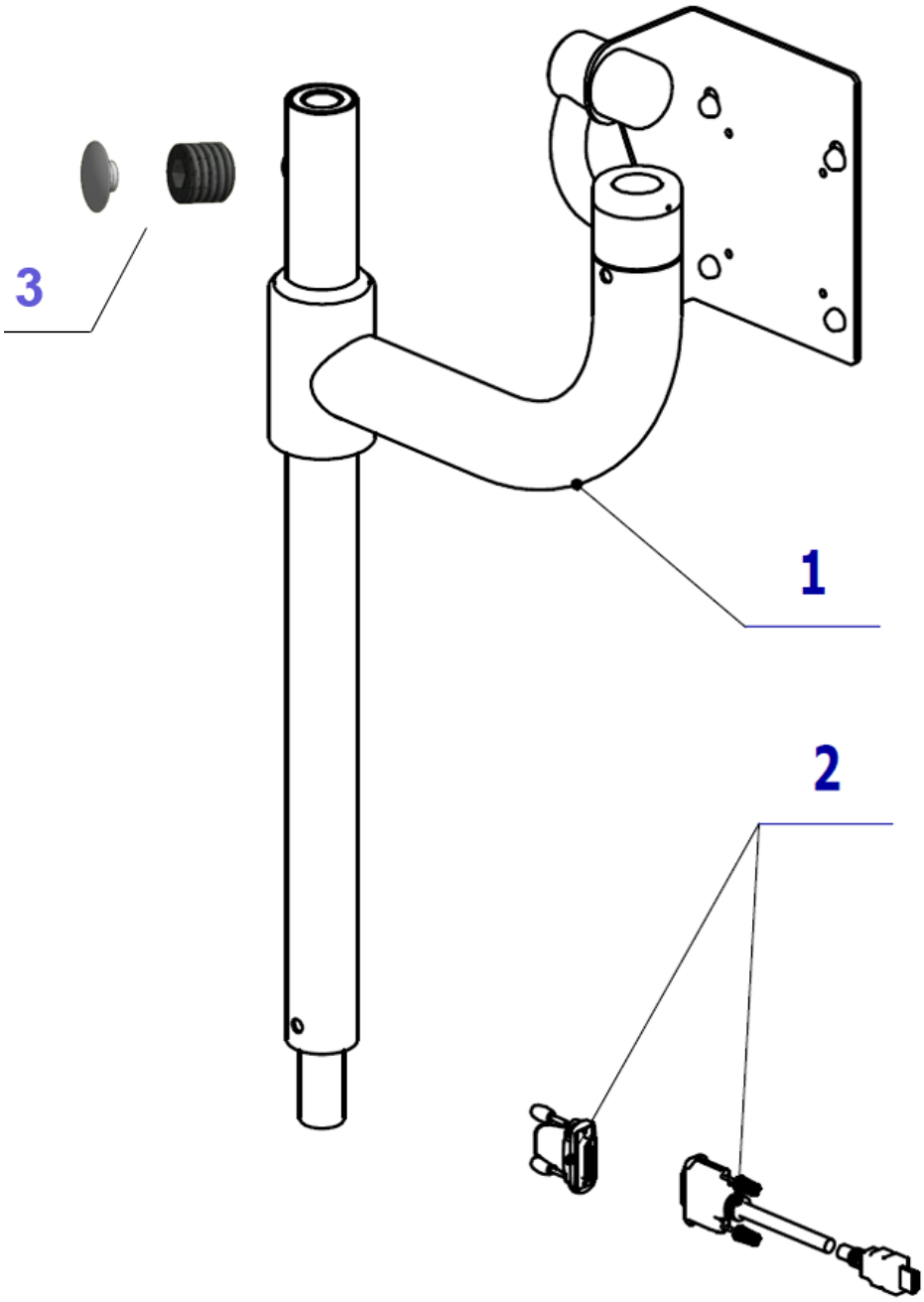
I - LCD MONITOR ARM

I1 - Arm without monitor

►COMPLETE LCD MONITOR ARM WITHOUT MONITOR

Order the following items to order a complete LCD monitor arm:

Pos.	Item no.	Product name	Unit	Quantity
1>>	V624.24-00-00.3	LCD MONITOR ARM	PC	OPTION
2>>	V631.24-90-00.1	LCD MONITOR WIRING SCHEMATIC + CABLE	PC	OPTION
3>>	V605.11-47-00	LIGHT ARM BRAKE	PC	OPTION

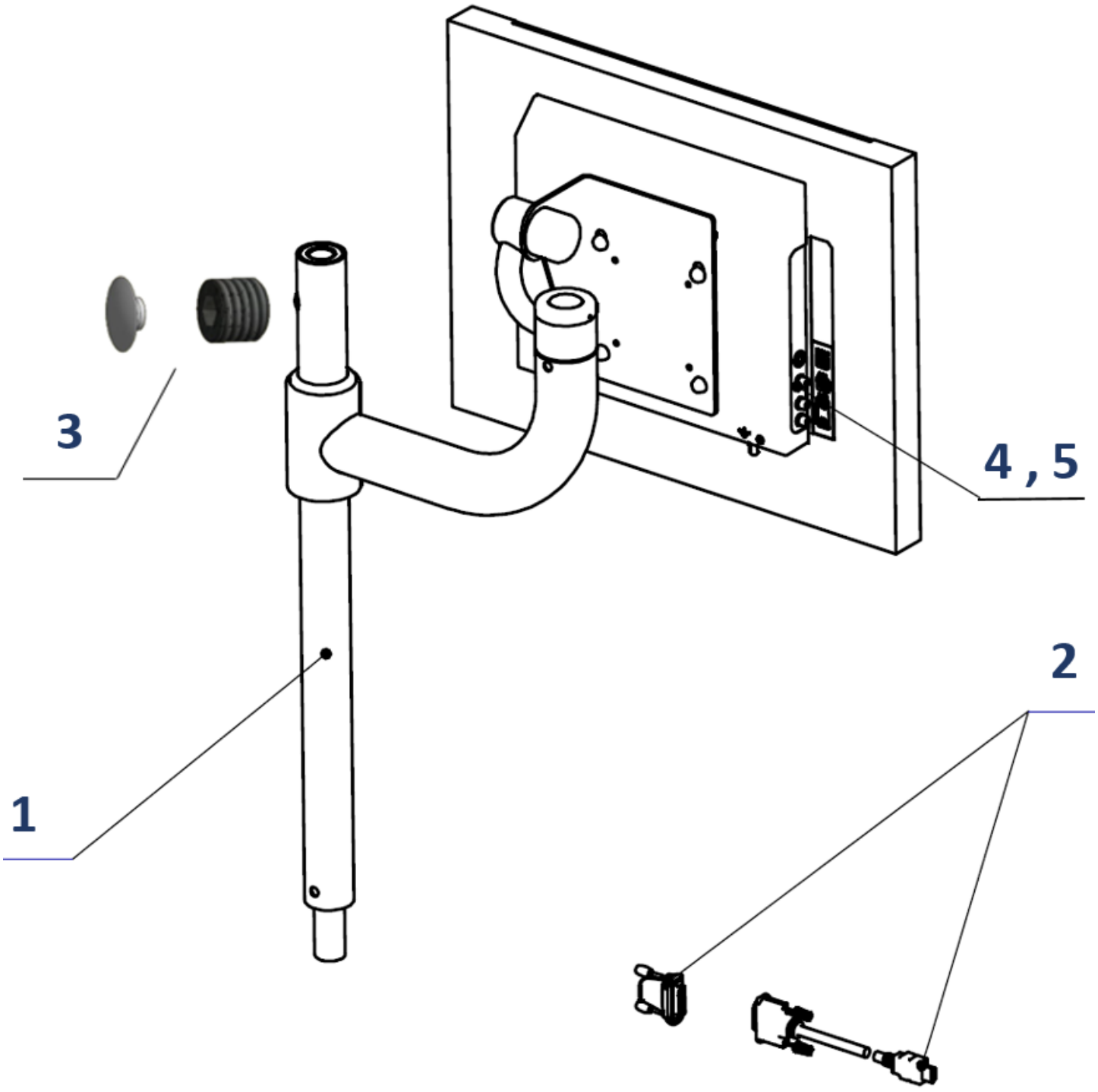


I2 - Arm with monitor (17” or 22”)

►COMPLETE LCD MONITOR ARM + 17” NEOVO MONITOR

Order the following items to order a complete arm with a 17” monitor:

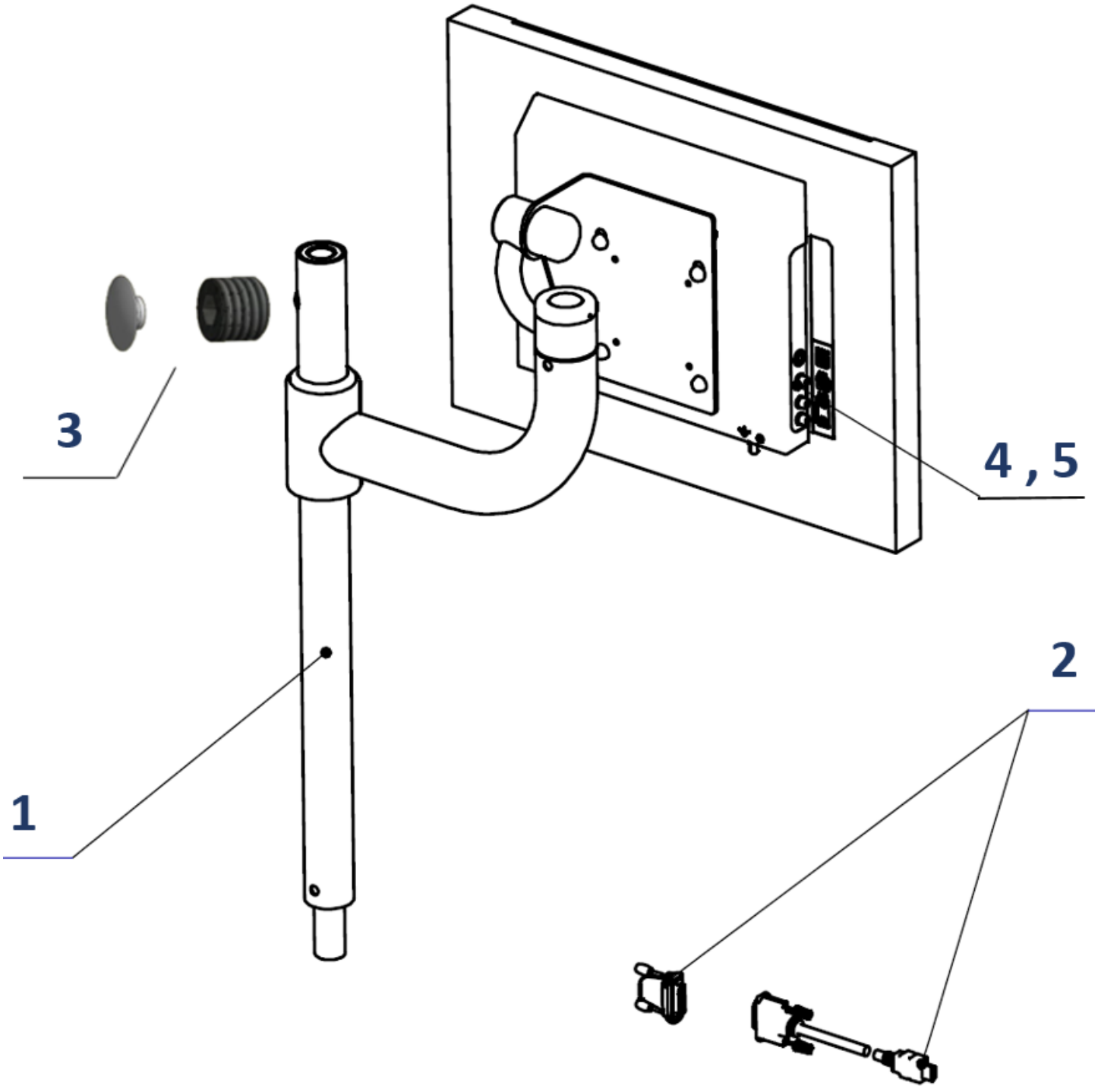
Pos.	Item no.	Product name	Unit	Quantity
1>>	V624.24-00-00.3	LCD MONITOR ARM	PC	OPTION
2>>	V631.24-90-00.1	LCD MONITOR WIRING SCHEMATIC + CABLE	PC	OPTION
3>>	V605.11-47-00	LIGHT ARM BRAKE	PC	OPTION
4	ME376000.020	17” NEOVO MONITOR, DR17, white	PC	OPTION
5	ME376000.037	DR-17 MONITOR HANDLE, HDL-01	PC	OPTION



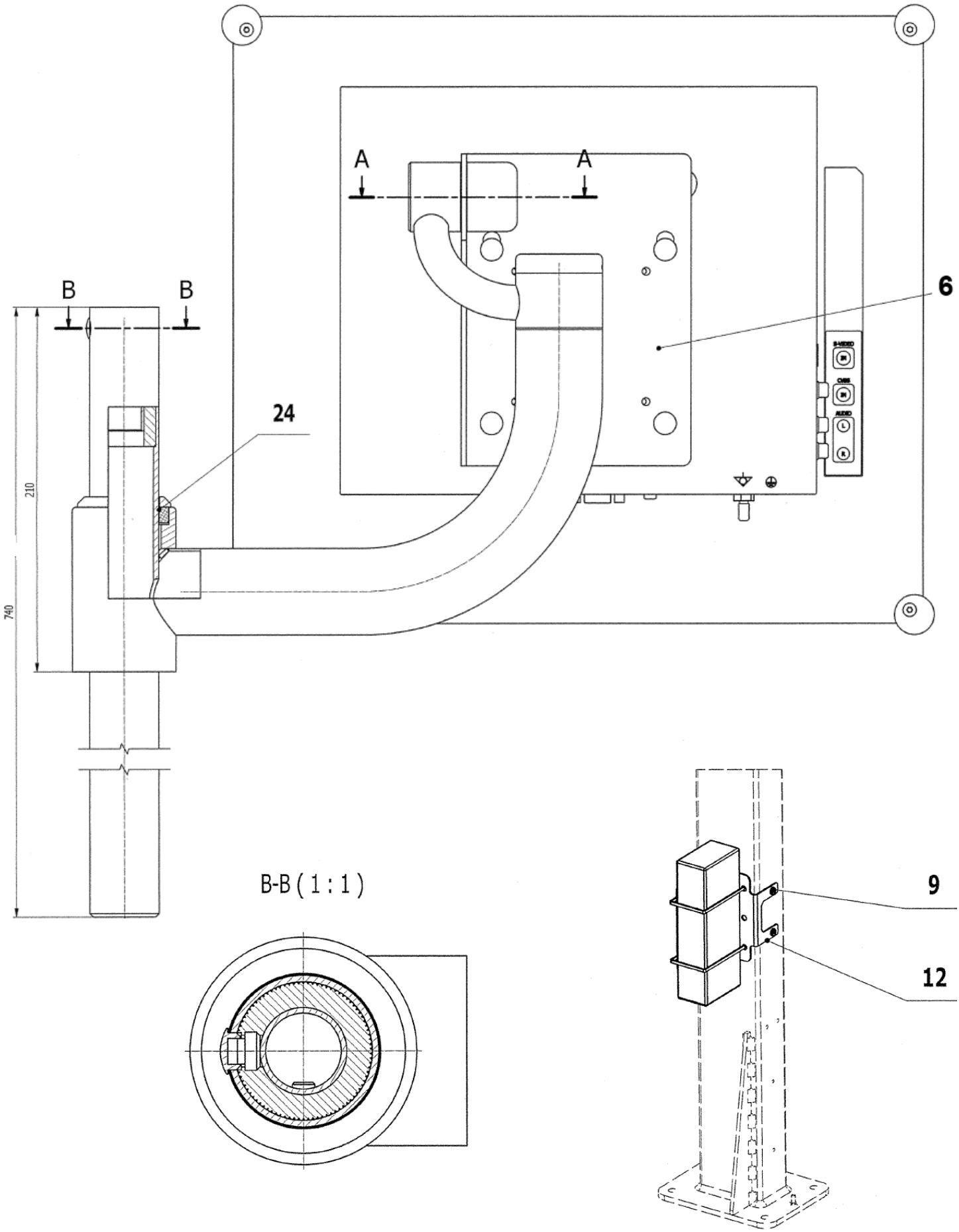
►COMPLETE LCD MONITOR ARM + 22” NEOVO MONITOR

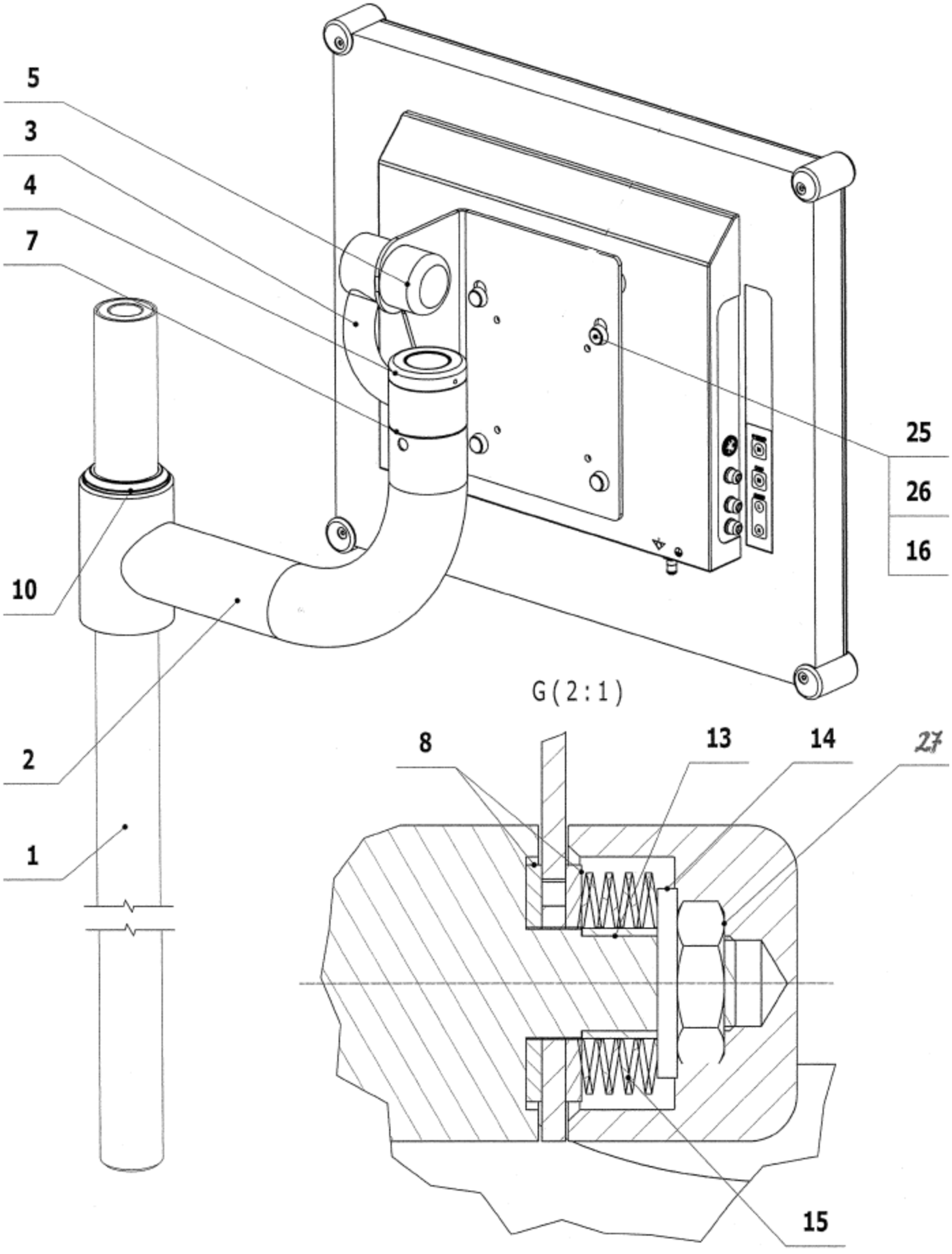
Order the following items to order a complete arm with a 22” monitor:

Pos.	Item no.	Product name	Unit	Quantity
1>>	V624.24-00-00.3	LCD MONITOR ARM	PC	OPTION
2>>	V631.24-90-00.1	LCD MONITOR WIRING SCHEMATIC + CABLE	PC	OPTION
3>>	V605.11-47-00	LIGHT ARM BRAKE	PC	OPTION
4	ME376000.028	22” NEOVO MONITOR, DR22, white	PC	OPTION
5	ME376000.038	DR-22 MONITOR HANDLE, HDL-02	PC	OPTION



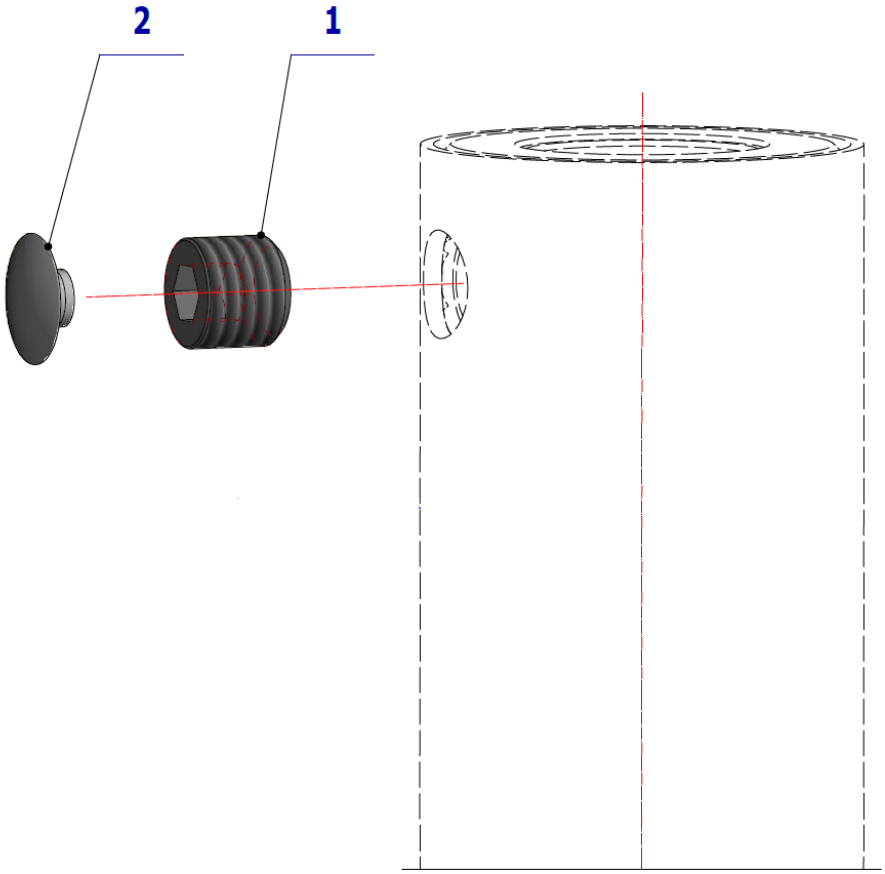
>>LCD MONITOR ARM - V624.24-00-00.3




5
3
4
7
25
26
16
10
2
1
G(2:1)
8
13
14
27
15

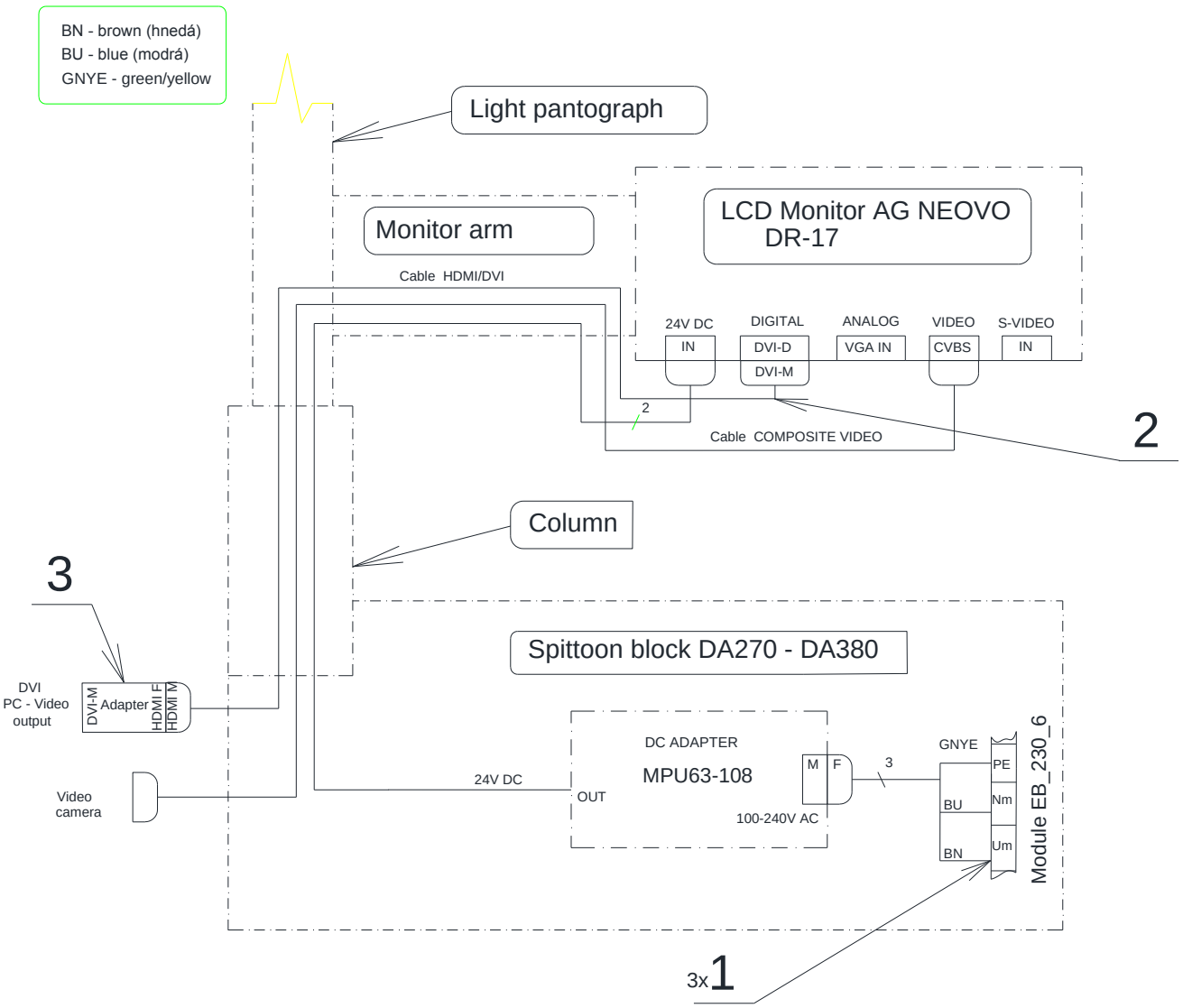
Pos.	Item no.	Product name	Unit	Quantity
001	V624.23-00-00.E	ARTICULATED LIGHT ARM HOLDER FOR LCD / WHT1	PC	1.00
002	V606.24-02-00.1	MONITOR ARM / WHT1	PC	1.00
003	V606.24-03-00.3	ROTATING ELEMENT / WHT1	PC	1.00
004	V606.24-00-04.1	LOCK NUT / WHT1	PC	1.00
005	V606.24-00-05.2	BRAKE NUT / WHT1	PC	1.00
006	V606.24-00-06.2	NEOVO HOLDER / WHT1	PC	1.00
007	V601.80-00-07.1	WASHER	PC	1.00
008	V606.24-00-08	FRICTION PAD	PC	2.00
009	ME309255.047	THREADED FASTENER, M 4X5	PC	2.00
010	V622.60-00-36	LIGHT ARM COVER / WHT1	PC	1.00
012	V624.24-00-12	ADAPTER HOLDER	PC	1.00
013	V606.24-00-13.1	SLEEVE I	PC	1.00
014	ME311210.025	WASHER, P 13	PC	1.00
015	ME315170.053	Spring, TP 280x142x080x180	PC	8.00
016	ME309543.072	THREADED FASTENER, M 4X12	PC	4.00
024	V624.25-00-05	RING, 2	PC	1.00
025	ME321000.118	FASTENER COVER, M4	PC	4.00
026	ME321000.117	WASHER, UNICAP	PC	4.00
027	ME311120.073	NUT, M 12X1	PC	1.00

>>LIGHT ARM BRAKE - V605.11-47-00

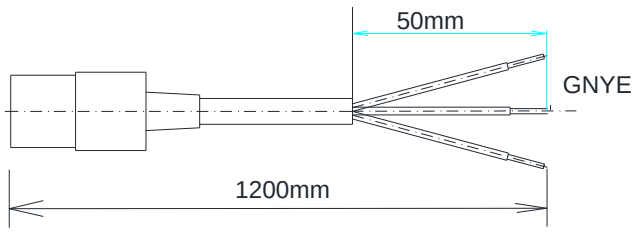


Pos.	Item no.	Product name	Unit	Quantity
001	V605.11-46-05	ADJUSTMENT SCREW, M10	PC	1.00
002	ME321000.119	PLASTIC COVER, WHITE	PC	1.00

>> LCD MONITOR WIRING SCHEMATIC + CABLE - V631.24-90-00.1



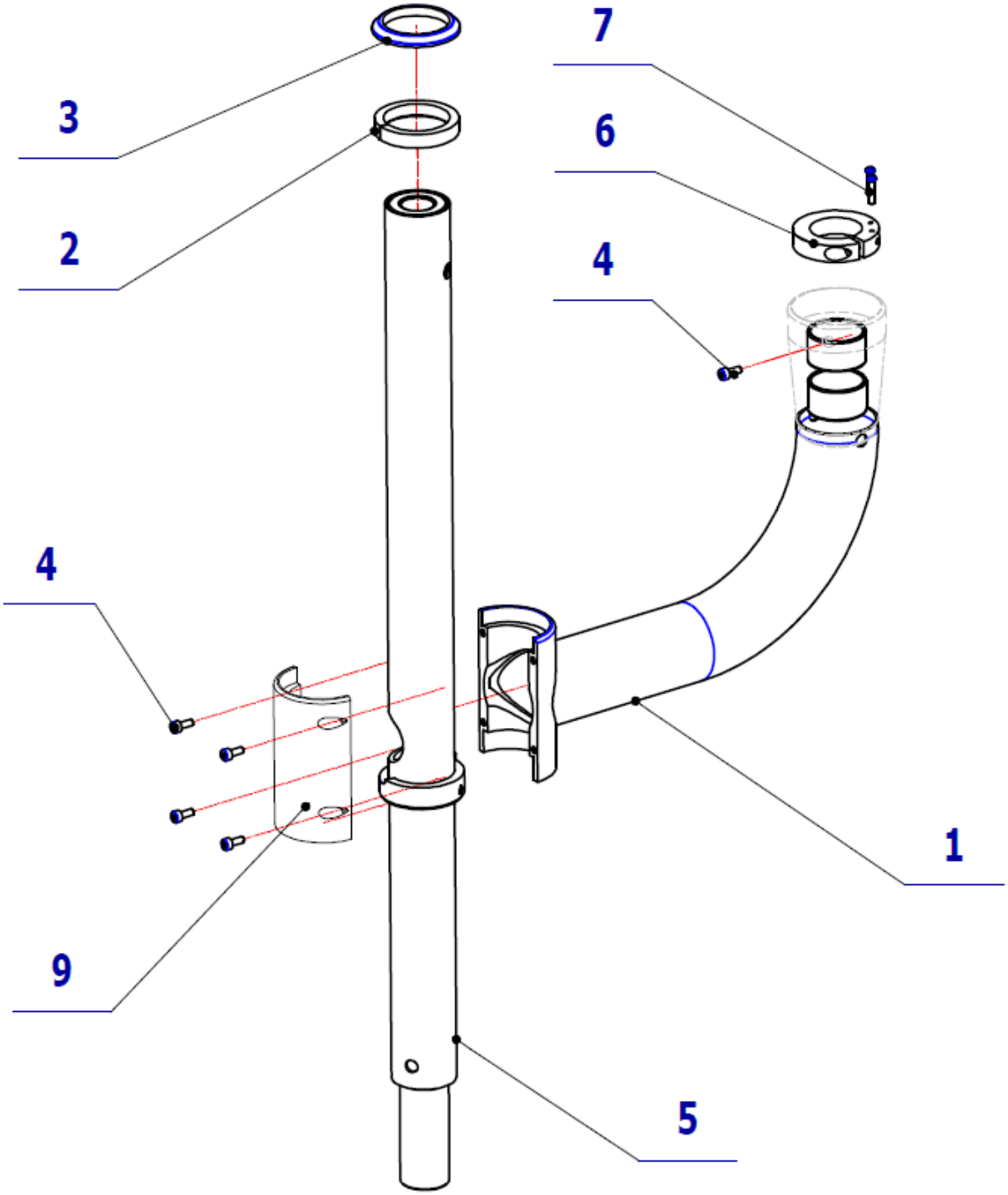
ADJUSTMENT OF POWER CABLE FOR PWR LCD :



Pos.	Item no.	Product name	Unit	Quantity
001	ME375000.002	INSULATED CRIMP FITTING - NITI 0.75X8GY	PC	3.00
002	ME341412.041	CABLE, HDMI M/DVI M, 10 m	PC	1.00
003	ME376000.027	ADAPTER, HQ HDMI F/DVI-D M	PC	1.00

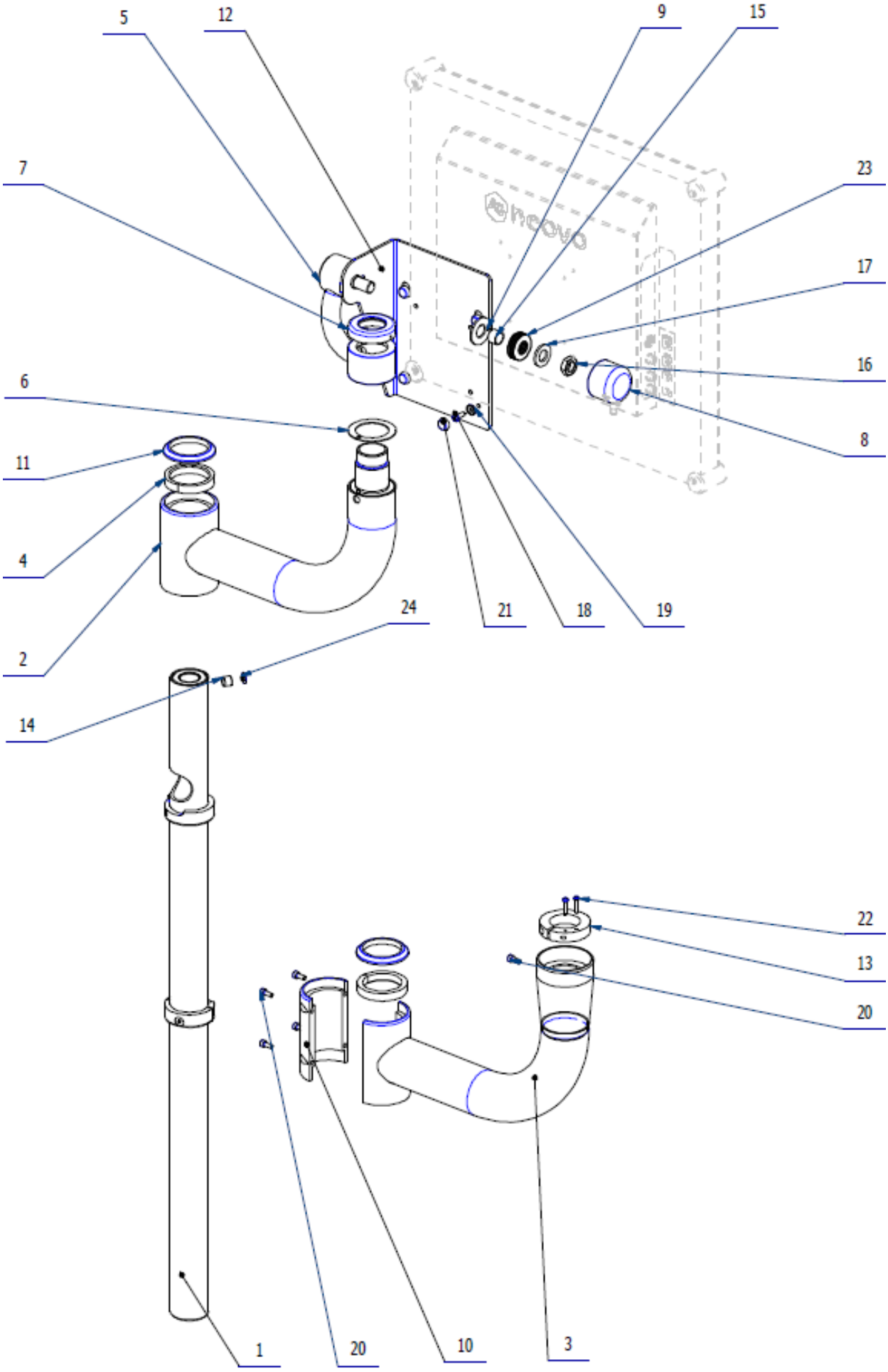
I3 - X-ray, Microscope

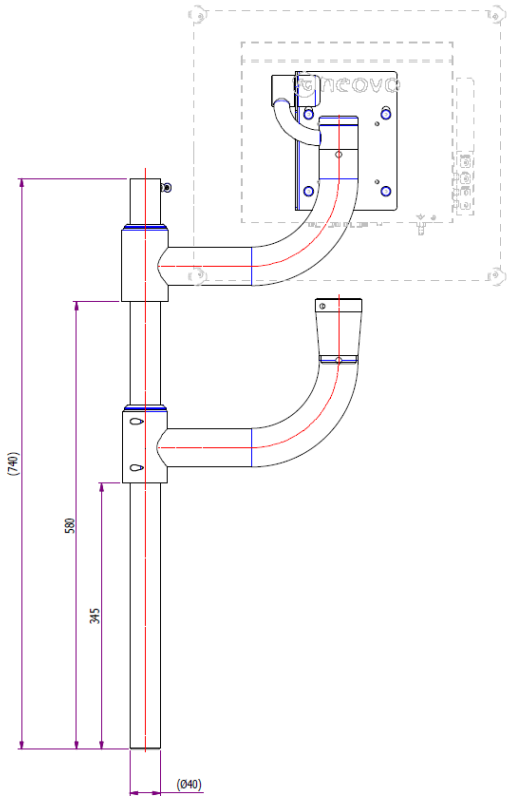
►PROX X-RAY HOLDER - V624.25-00-00.3



Pos.	Item no.	Product name	Unit	Quantity
001	V624.25-01-00.2	PLANMECA PROX X-RAY ARM / WHT1	PC	1.00
002	V624.25-00-05	RING, 2	PC	1.00
003	V622.60-00-36	LIGHT ARM COVER / WHT1	PC	1.00
004	ME309543.105	THREADED FASTENER, M 4X10	PC	5.00
005	V624.23-00-00.D	ARTICULATED LIGHT ARM HOLDER FOR X-RAY	PC	1.00
006	V624.26-00-05	X-RAY BRAKE	PC	1.00
007	ME309255.049	THREADED FASTENER, M 3X16	PC	2.00
009	V624.25-10-01.A	REAR COVER / WHT1	PC	1.00

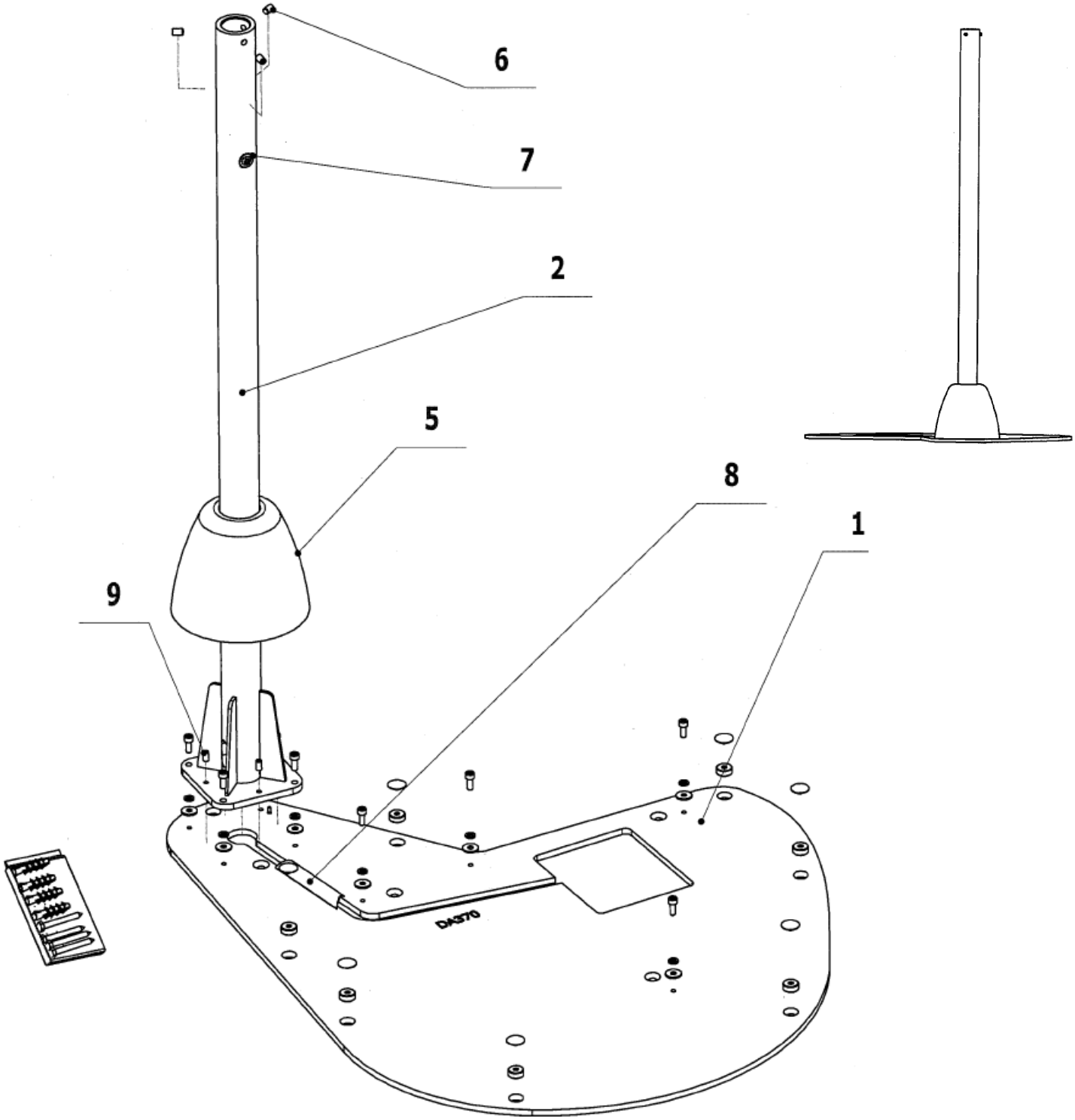
► X-RAY SETUP + LCD ACCESSORY - V624.25-00-00.4





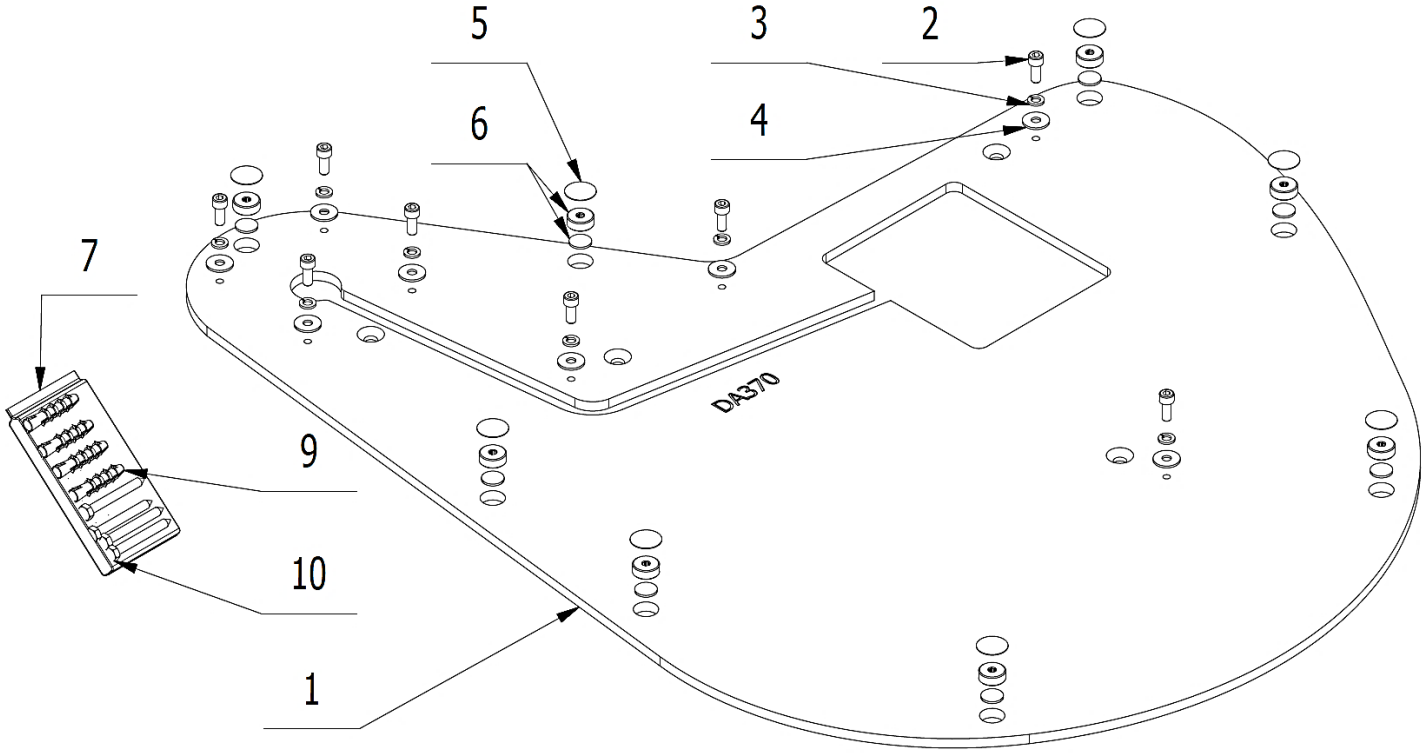
Pos.	Item no.	Product name	Unit	Quantity
001	V624.23-00-00.F	ARTICULATED LIGHT ARM HOLDER FOR LCD and X-RAY / WHT1	PC	1.00
002	V606.24-02-00.1	MONITOR ARM / WHT1	PC	1.00
003	V624.25-01-00.2	PLANMECA PROX X-RAY ARM / WHT1	PC	1.00
004	V624.25-00-05	RING, 2	PC	2.00
005	V606.24-03-00.3	ROTATING ELEMENT / WHT1	PC	1.00
006	V601.80-00-07.1	WASHER	PC	1.00
007	V606.24-00-04.1	LOCK NUT / WHT1	PC	1.00
008	V606.24-00-05.2	BRAKE NUT / WHT1	PC	1.00
009	V606.24-00-08	FRICTION PAD	PC	2.00
010	V624.25-10-01.A	REAR COVER / WHT1	PC	1.00
011	V622.60-00-36	LIGHT ARM COVER / WHT1	PC	2.00
012	V606.24-00-06.2	NEOVO HOLDER / WHT1	PC	1.00
013	V624.26-00-05	X-RAY BRAKE	PC	1.00
014	V605.11-46-05	M10 - MODIFIED II.	PC	1.00
015	V606.24-00-13.1	SLEEVE I	PC	1.00
016	ME311120.073	NUT, M 12X1	PC	1.00
017	ME311210.025	WASHER, P 13	PC	1.00
018	ME309543.072	THREADED FASTENER, M 4X12	PC	4.00
019	ME321000.117	WASHER, UNICAP	PC	4.00
020	ME309543.105	THREADED FASTENER, M 4X10	PC	5.00
021	ME321000.118	FASTENER COVER, M4	PC	4.00
022	ME309255.049	THREADED FASTENER, M 3X16	PC	2.00
023	ME315170.053	Spring, TP 280x142x080x180	PC	8.00
024	ME321000.119	PLASTIC COVER, WHITE, SW5, HEX	PC	1.00
901	ME375000.002	INSULATED CRIMP FITTING - NITI 0.75X8GY	PC	3.00
902	ME341412.041	CABLE, HDMI M/DVI M, 10 m	PC	1.00
903	ME376000.027	ADAPTER, HQ HDMI F/DVI-D M	PC	1.00

► ACCESSORY TO INTEGRATE A DENSIM OPTICS MICROSCOPE - V624.26-00-00.1



Pos.	Item no.	Product name	Unit	Quantity
001>>	V624.26-05-00.1	MICROSCOPE ADJUSTMENT PLATE / WHT1	PC	1.00
002	V624.26-01-00.1	POST / POST	PC	1.00
005	V624.26-00-03	MICROSCOPE POST COVER / WHT1	PC	1.00
006	ME309287.006	THREADED FASTENER, M 10X16	PC	3.00
007	ME371418.041	BUSHING WITH MEMBRANE	PC	1.00
008	V624.26-00-04	INSTALLATION RAIL	PC	1.00
009	ME309287.007	THREADED FASTENER, M 8X16	PC	4.00

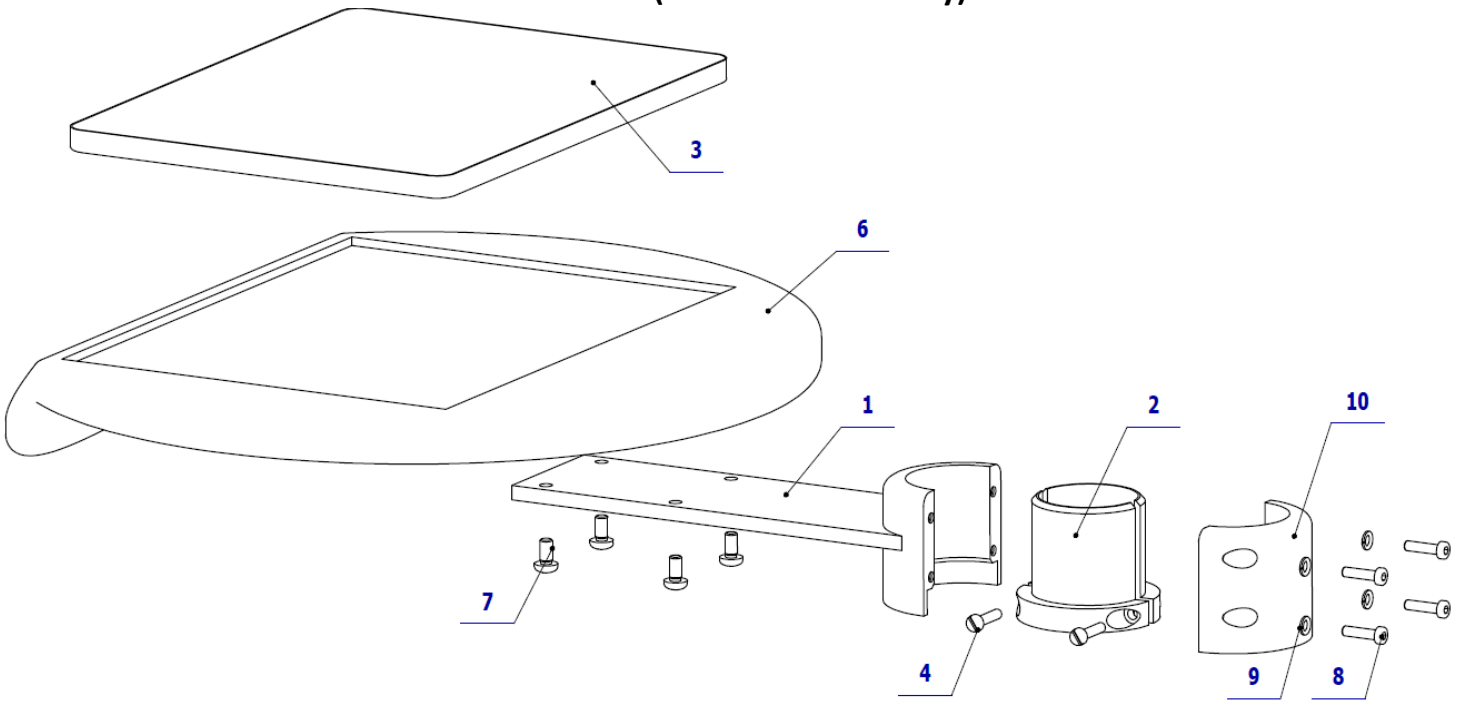
>> MICROSCOPE ADJUSTMENT PLATE - V624.26-05-00.1



Pos.	Item no.	Product name	Unit	Quantity
001	V624.26-05-01.1	INSTALLATION PLATE / WHT1	PC	1,00
002	ME309543.012	THREADED FASTENER, M 8X20	PC	8,00
003	ME311214.013	WASHER, P 8.2	PC	8,00
004	ME311212.009	WASHER, P 8.4, BENEATH RIVET	PC	8,00
005	V618.96-06-00	ADJUSTMENT SCREW COVER, WHT1	PC	8,00
006	V511.01-13-00	ADJUSTMENT SCREW	PC	8,00
007	ME283811.021	BAG, PE 120X170	PC	1,00
008	V624.26-05-09	LABEL	PC	1,00
009	ME562841.004	CLAMP, T 3202 12	PC	4,00
010	ME311411.004	THREADED FASTENER, M8X70	PC	4,00

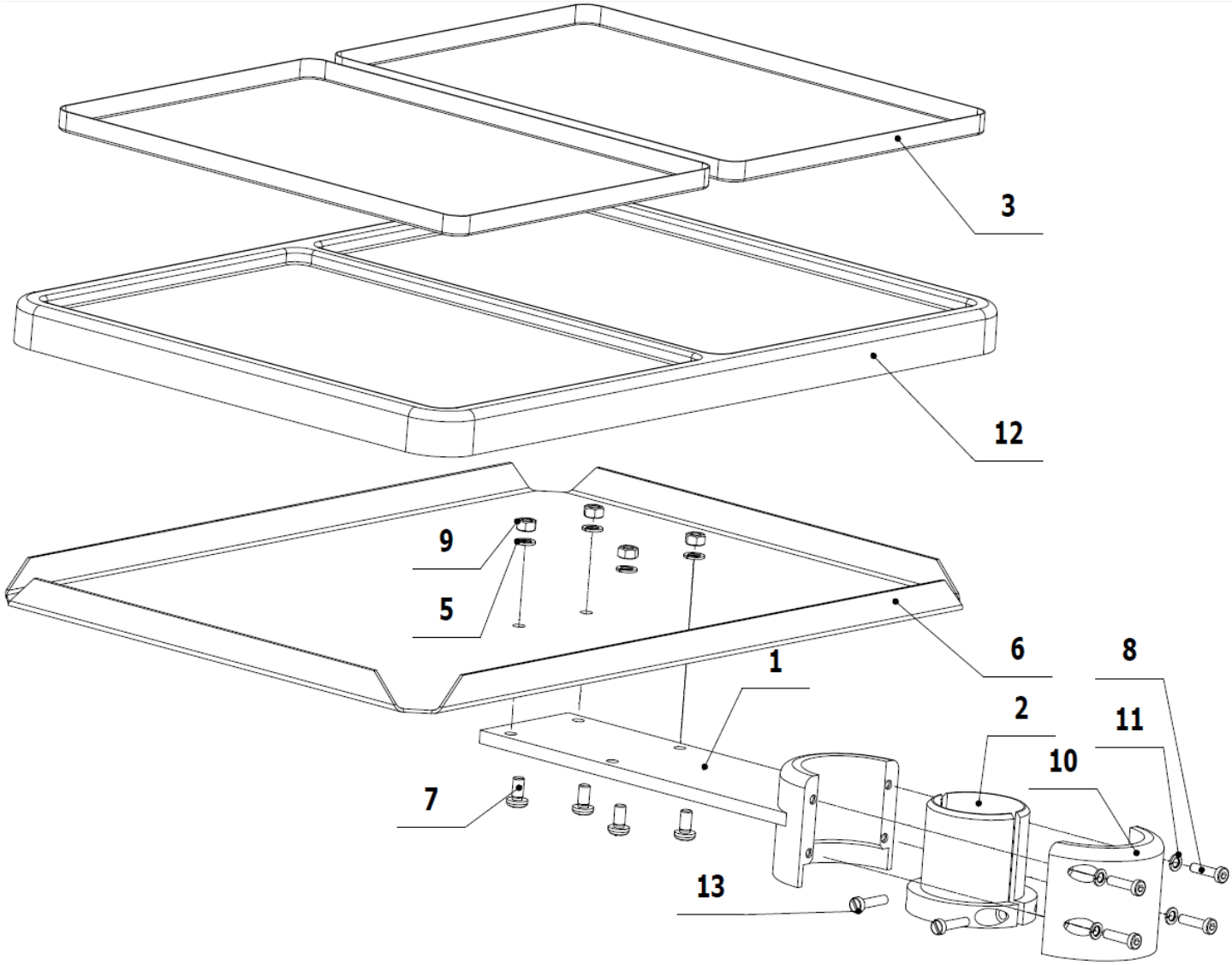
J - STORAGE TRAY ON ARTICULATED LIGHT ARM

►STRAIGHT STORAGE TRAY - V618.06-00-00 (for 177x239mm tray)



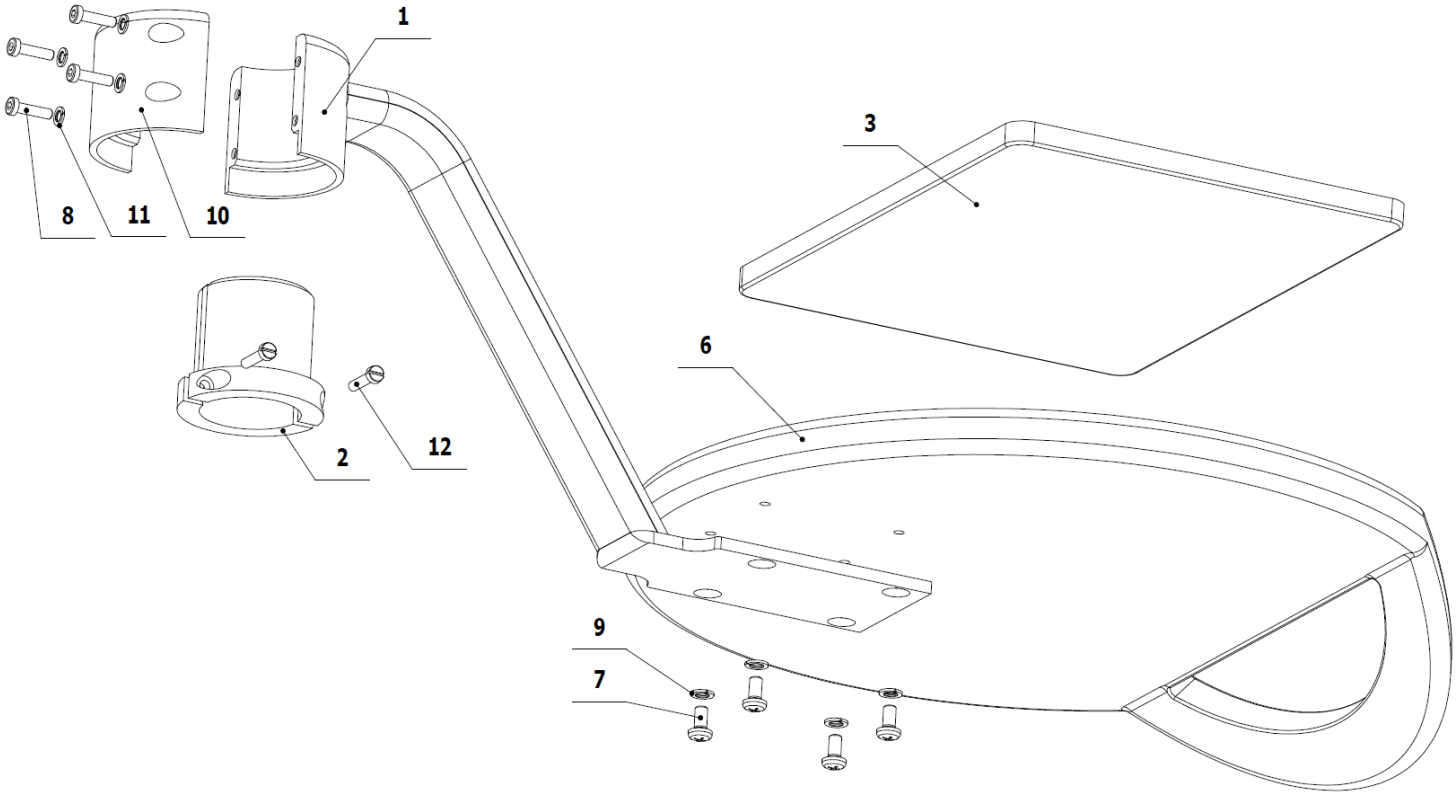
Position	Item no.	Product name	Unit	Quantity
001	V618.06-01-00	HOLDER	PC	1.00
002	V600.6-00-02	RETAINING SLEEVE	PC	1.00
003	V600.4-00-10.1	TRAY	PC	1.00
004	ME309231.033	THREADED FASTENER, M 4X18	PC	2.00
006	V600.4-01-00	TRAY TABLE	PC	1.00
007	ME309255.090	THREADED FASTENER, M 5X10	PC	4.00
008	ME309542.001	THREADED FASTENER, M 4x16	PC	4.00
009	ME311214.025	WASHER, P 4	PC	4.00
010	V618.06-01-01.2	MATING PIECE	PC	1.00

►STRAIGHT STORAGE TRAY - SMALL DOUBLE TRAY - V618.06-00-00.5 (for 2x 177x239mm trays)



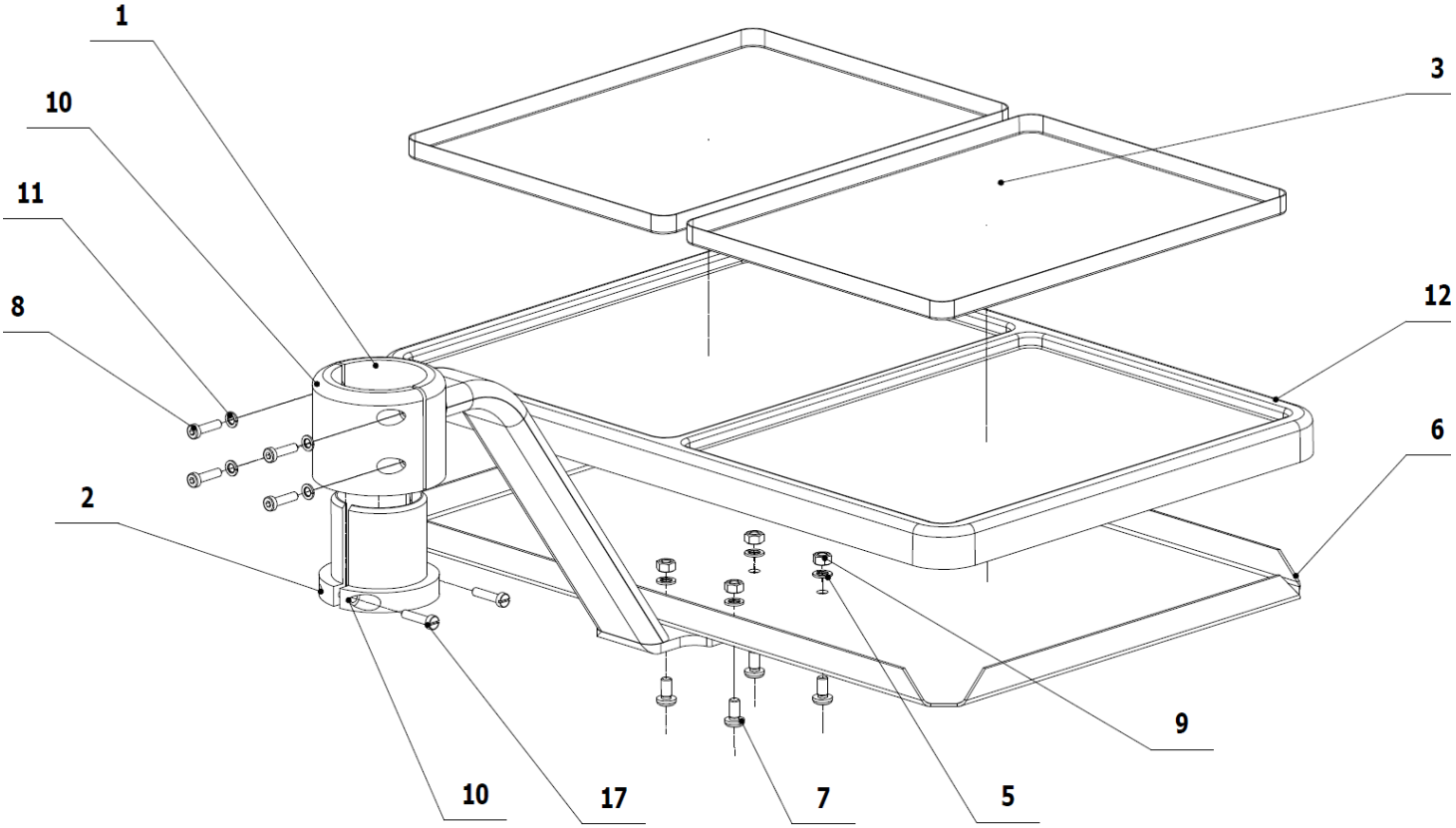
Pos.	Item no.	Product name	Unit	Quantity
001	V618.06-01-00	HOLDER	PC	1.00
002	V600.6-00-02	RETAINING SLEEVE	PC	1.00
003	V600.4-00-10.1	TRAY	PC	2.00
005	ME311214.031	WASHER, P 5.1	PC	4.00
006	V601.21-02-02.1	LOAD-BEARING TRAY, SMALL	PC	1.00
007	ME309255.090	THREADED FASTENER, M 5X10	PC	4.00
008	ME309542.001	THREADED FASTENER, M 4x16	PC	4.00
009	ME311120.087	NUT, M 5 BN 131	PC	4.00
010	V618.06-01-01.2	MATING PIECE	PC	1.00
011	ME311214.025	WASHER, P 4	PC	4.00
012	ME283199.009	TRAY HOLDER, SMALL, glossy (HPS MG white)	PC	1.00
013	ME309231.033	THREADED FASTENER, M 4X18	PC	2.00

►LOWERED STORAGE TRAY - V618.06-00-00.1 (for 177x239mm tray)



Pos.	Item no.	Product name	Unit	Quantity
001	V618.06-01-00.2	CARRIER	PC	1.00
002	V600.6-00-02	RETAINING SLEEVE	PC	1.00
003	V600.4-00-10.1	TRAY	PC	1.00
006	V600.4-01-00	TRAY TABLE	PC	1.00
007	ME309255.090	THREADED FASTENER, M 5X10	PC	4.00
008	ME309542.001	THREADED FASTENER, M 4x16	PC	4.00
009	ME311214.031	WASHER, P 5.1	PC	4.00
010	V618.06-01-01.2	MATING PIECE	PC	1.00
011	ME311214.025	WASHER, P 4	PC	4.00
012	ME309231.033	THREADED FASTENER, M 4X18	PC	2.00

►LOWERED STORAGE TRAY - SMALL DOUBLE TRAY - V618.06-00-00.3 (for 2x 177x239mm trays)



Pos.	Item no.	Product name	Unit	Quantity
001	V618.06-01-00.2	CARRIER	PC	1.00
002	V600.6-00-02	RETAINING SLEEVE	PC	1.00
003	V600.4-00-10.1	TRAY	PC	2.00
005	ME311214.031	WASHER, P 5.1	PC	4.00
006	V601.21-02-02.1	LOAD-BEARING TRAY, SMALL	PC	1.00
007	ME309255.090	THREADED FASTENER, M 5X10	PC	4.00
008	ME309542.001	THREADED FASTENER, M 4x16	PC	4.00
009	ME311120.087	NUT, M 5 BN 131	PC	4.00
010	V618.06-01-01.2	MATING PIECE	PC	1.00
011	ME311214.025	WASHER, P 4	PC	4.00
012	ME283199.009	TRAY HOLDER, SMALL, glossy (HPS MG white)	PC	1.00
017	ME309231.033	THREADED FASTENER, M 4X18	PC	2.00

K - FOOT CONTROLLERS

K1 - Universal foot controller (UNO)

►COMPLETE UNO FOOT CONTROLLER - hard-wired - V617.30-00-00.1 K-010





►COMPLETE UNO RF FOOT CONTROLLER, wireless - 2015 model - V617.30-00-00.1 K-011





RF Receiver, 2015 model





►COMPLETE UNO RF FOOT CONTROLLER, wireless - 2018 model - V617.30-00-00.1 K-012

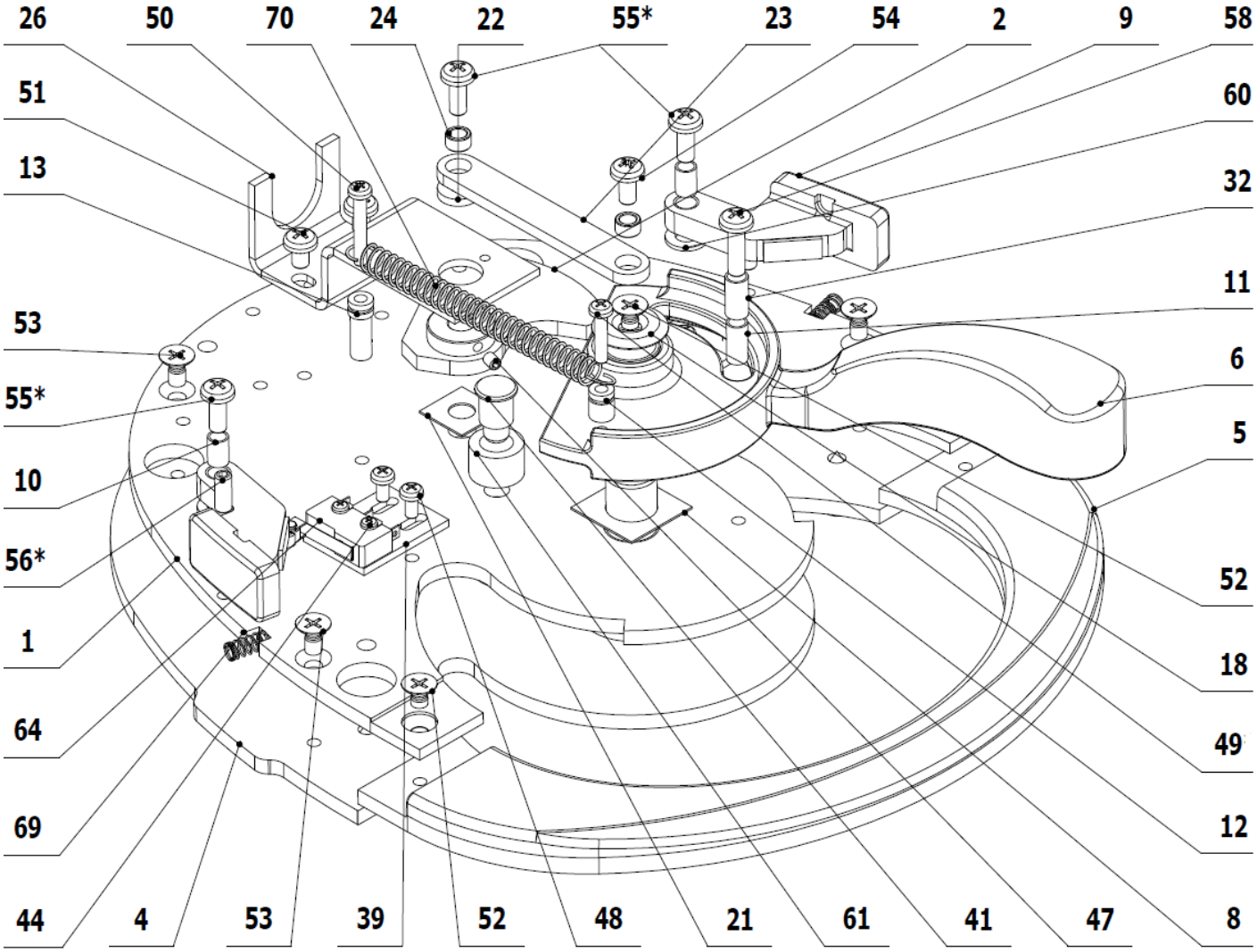


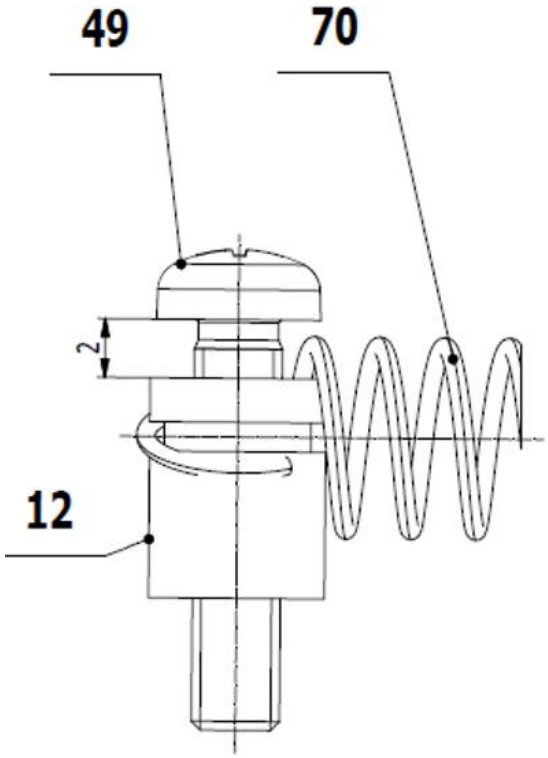


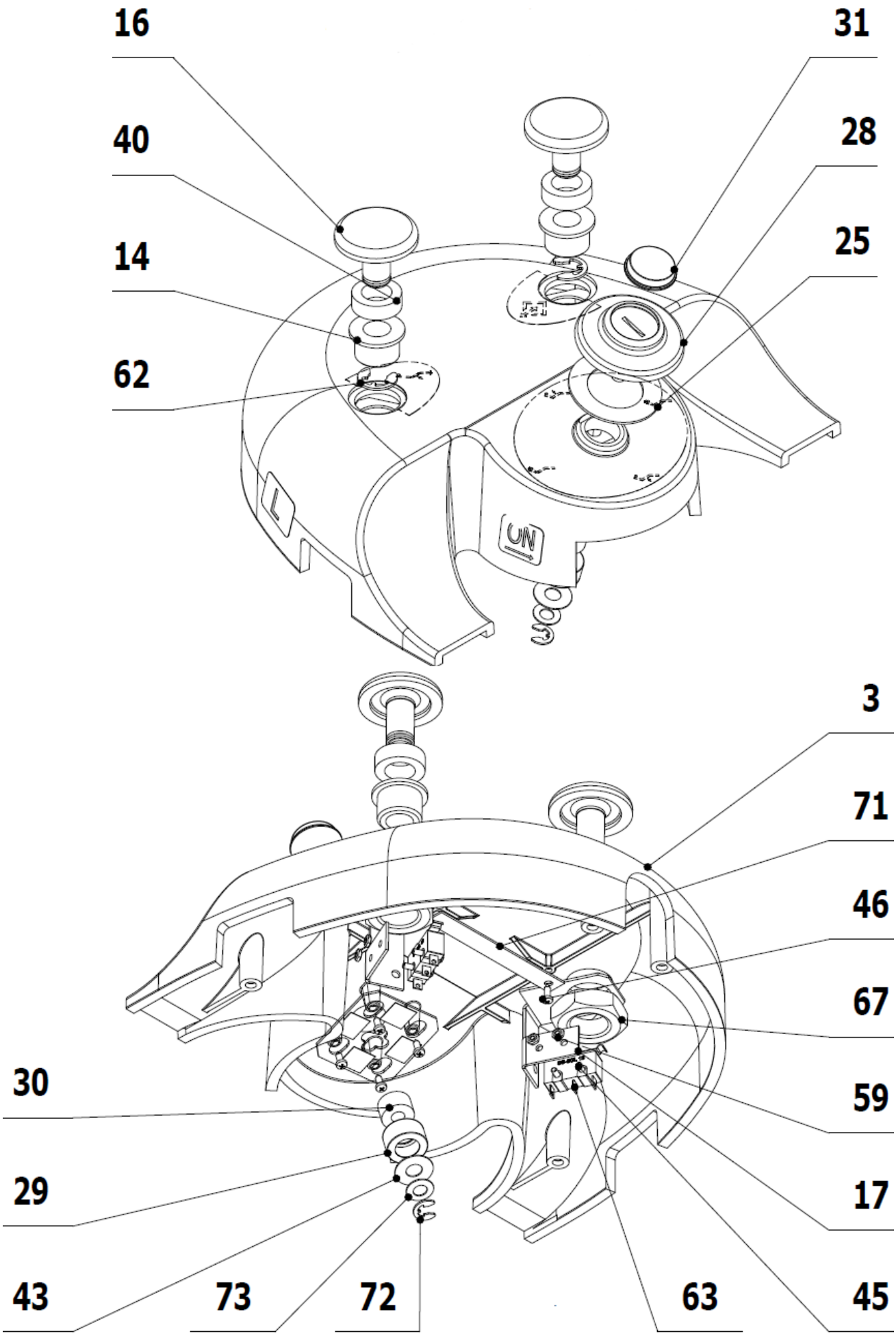
RF Receiver, 2018 model

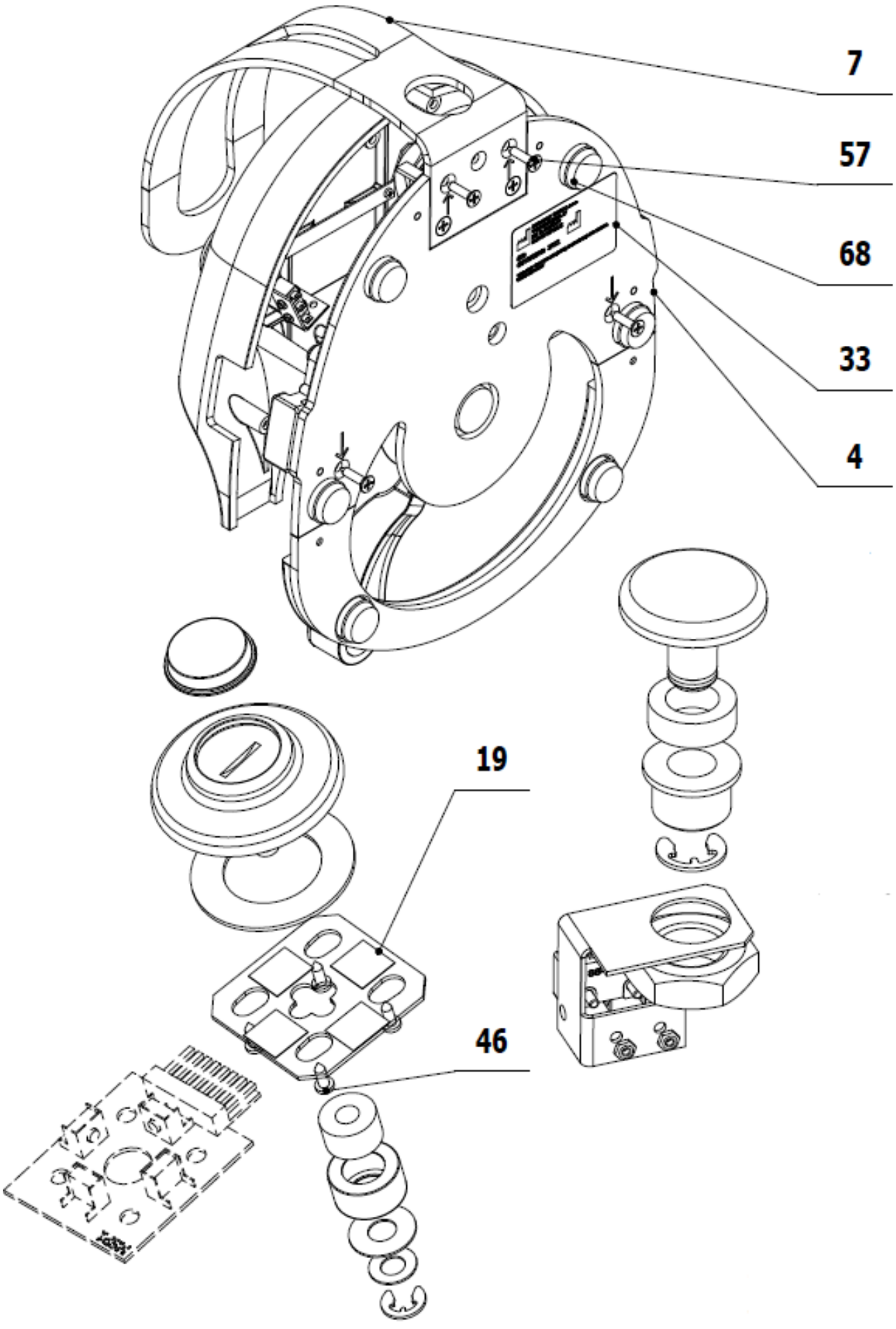


UNO – Structural components (identical for all electrical variants)






16
40
14
62
31
28
25
3
71
46
67
59
17
45
63
72
73
43
29
30

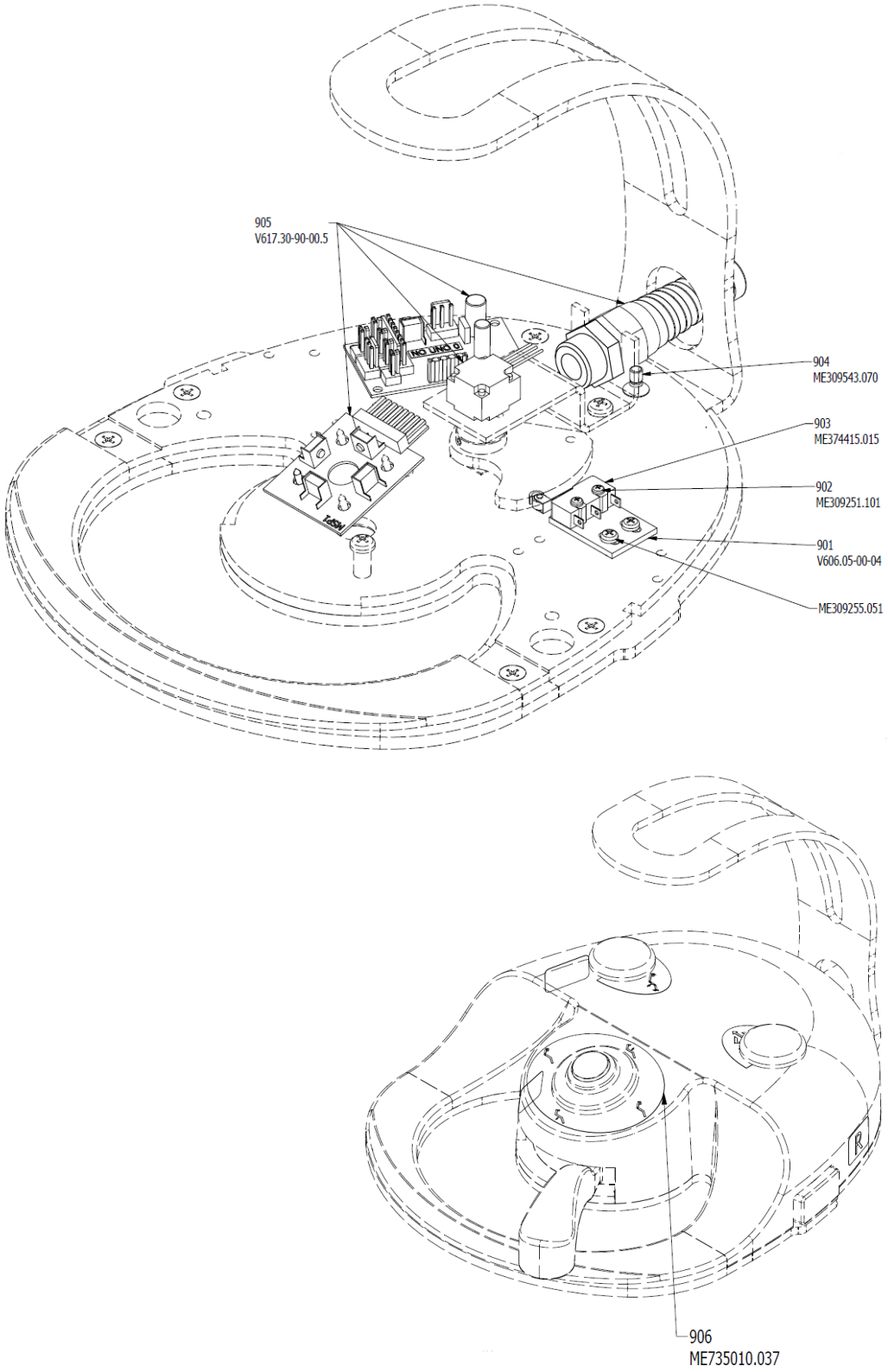

7
57
68
33
4
19
46

Pos.	Item no.	Product name	Unit	Quantity
001	V617.30-01-00	BASIC UNO CONTROLLER	PC	1.00
002	V617.30-02-00	POTENTIOMETER ARM	PC	1.00
003	V617.30-00-03	CONTROLLER COVER	PC	1.00
004	V617.30-00-04.1	LOAD-BEARING PLATE	PC	1.00
005	V617.30-00-05.1	STEP PLATE	PC	1.00
006	V617.30-00-06.2	UNO CONTROL LEVER	PC	1.00
007	V617.30-00-07	FOOT CONTROLLER CARRIER	PC	1.00
008	V617.30-00-08	LEVER SLIP WASHER	PC	1.00
009	V617.30-00-09	SWITCH LEVER	PC	2.00
010	V617.30-00-10	SWITCH LEVER BUSHING	PC	2.00
011	V617.30-00-11	STOP POST	PC	1.00
012	V617.30-00-12.1	SPRING POST, SHORT	PC	1.00
013	V617.30-00-13.1	SPRING POST, LONG	PC	1.00
014	V617.30-00-14	BUTTON BUSHING	PC	2.00
016	V617.30-00-16	CONTROL BUTTON	PC	2.00
017	V617.30-00-17	MICROSCOPE BUTTON HOLDER	PC	2.00
018	V617.30-00-18	LEVER WASHER	PC	1.00
019	V617.30-19-00	JOYSTICK CROSS AND SLIDING STRIP	PC	1.00
021	V617.30-00-21	POTENTIOMETER ARM WASHER	PC	1.00
022	V617.30-00-22	SPACING BUSHING	PC	1.00
023	V617.30-00-23	ARM ROD	PC	1.00
024	V617.30-00-24	ROD BUSHING	PC	2.00
025	V617.30-00-25	JOYSTICK WASHER	PC	1.00
026	V617.30-00-26	POTENTIOMETER HOLDER	PC	1.00
028	V617.30-00-28	JOYSTICK CONTROLLER	PC	1.00
029	V617.30-00-29.1	COLLAR	PC	1.00
030	ME273114.025	FOAM SPRING	PC	1.00
031	ME273141.015	BUMPER, BUMPON SJ 5744, BLACK	PC	1.00
032	V617.30-00-32	STOP COVER	PC	2.00
033	V617.30-00-33	LABEL, N.O. ASSEMBLY	PC	1.00
039	V606.05-00-04	MICRO SWITCH HOLDER	PC	2.00
040	ME273114.030	GASKET	PC	2.00
041	V617.30-00-41	STOP PIN	PC	1.00
043	V617.30-00-43	JOYSTICK LEVER WASHER	PC	1.00
044	ME309251.101	THREADED FASTENER, M 2X8	PC	4.00
045	ME309255.071	THREADED FASTENER, M 2X10	PC	4.00
046	ME309285.066	THREADED FASTENER, P 2.5x6 ECO SYN	PC	5.00
047	ME309281.090	THREADED FASTENER, M 3X5	PC	1.00
048	ME309255.051	THREADED FASTENER, M 3X6	PC	6.00
049	ME309255.074	THREADED FASTENER, M 3X14	PC	1.00
050	ME309255.075	THREADED FASTENER, M 3X20	PC	1.00
051	ME309255.073	THREADED FASTENER, M 4X6	PC	2.00
052	ME309251.069	THREADED FASTENER, M 4X6	PC	3.00
053	ME309543.070	THREADED FASTENER, M 4X8	PC	6.00
054	ME309543.068	THREADED FASTENER, M 4X8	PC	1.00
055	ME309255.044	THREADED FASTENER, M 4X10	PC	3.00
056	ME309287.021	THREADED FASTENER, M 4X10	PC	2.00

057	ME309285.069	THREADED FASTENER, P 4X16 ECO SYN	PC	4.00
058	ME309255.069	THREADED FASTENER, M 4X14	PC	1.00
059	ME311120.081	NUT, M 2	PC	4.00
060	ME311280.005	WASHER, P 5.3	PC	2.00
061	V617.30-00-61	CONTROL LEVER STOP	PC	1.00
062	ME311732.007	LOCK RING P 7	PC	2.00
063	ME374415.031	MICRO SWITCH, OMRON SS-5GL 13	PC	2.00
064	ME374415.015	MICRO SWITCH, OMRON SS-5GL2	PC	2.00
067	ME319428.196	NUT, M16X1.5 PLASTIC	PC	2.00
068	ME321200.022	BUMPER, BUMPON SJ5344 P19x4 mm	PC	6.00
069	ME315170.059	SPRING, TL 0400X044X0117	PC	2.00
070	ME315170.066	SPRING, TZ0630x0069x0372	PC	1.00
071	V617.30-00-71	FLAT FUSE	PC	1.00
072	ME311732.004	LOCK RING P 4	PC	1.00
073	ME315000.099	PLATE WASHER	PC	1.00

UNO hard-wired – electrical section

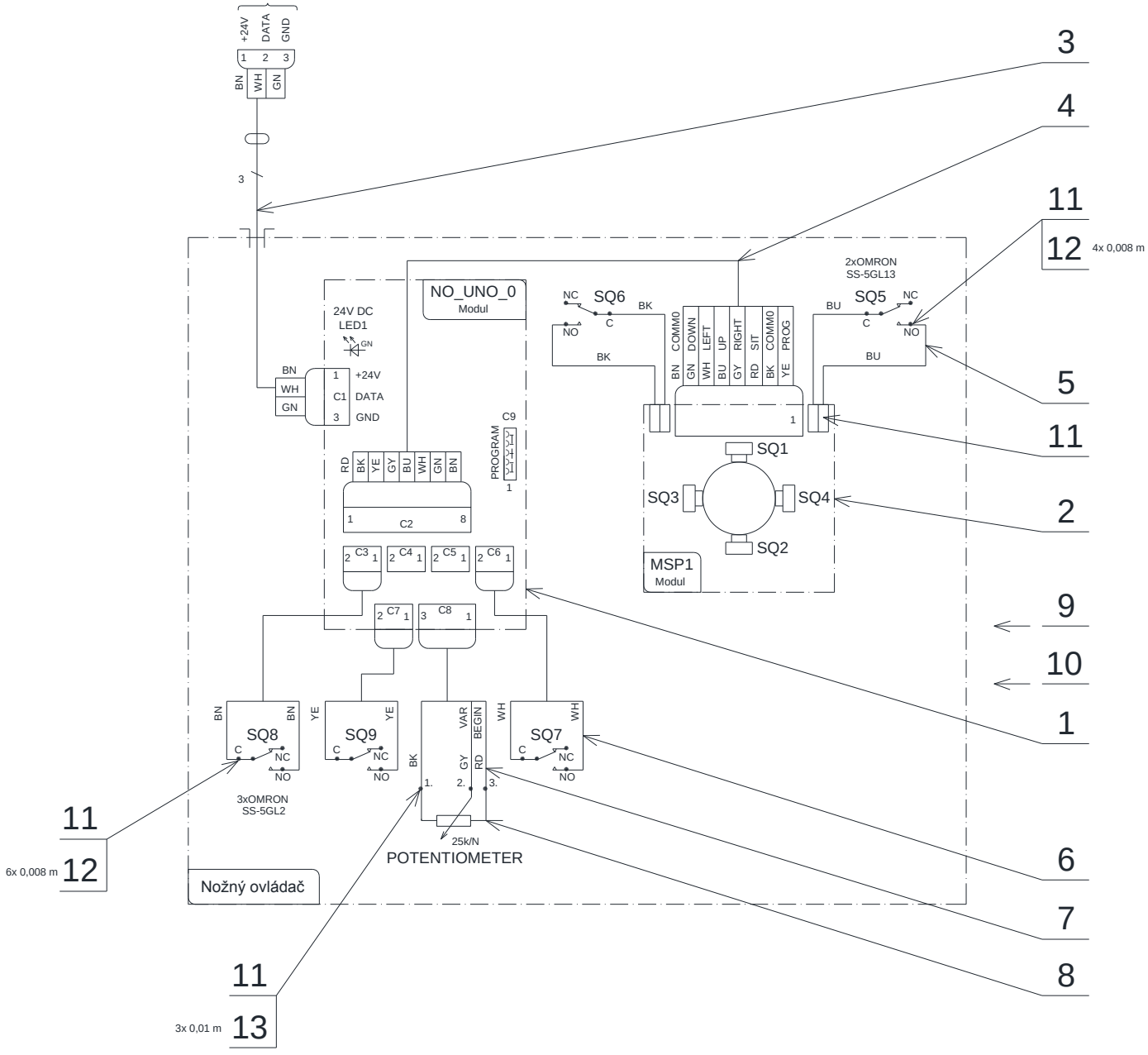
UNO hard-wired - V617.30-00-00.1 K-010



Pos.	Item no.	Product name	Unit	Quantity
901	V606.05-00-04	MICRO SWITCH HOLDER	PC	1.00
902	ME309251.101	THREADED FASTENER, M 2X8	PC	2.00
903	ME374415.015	MICRO SWITCH, OMRON SS-5GL2	PC	1.00
904	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
905>>	V617.30-90-00.5	UNO FOOT CONTROLLER ELECTRICAL INSTALLATION	PC	1.00
906>>	ME735010.037	UNO 5 SYMBOL	PC	1.00

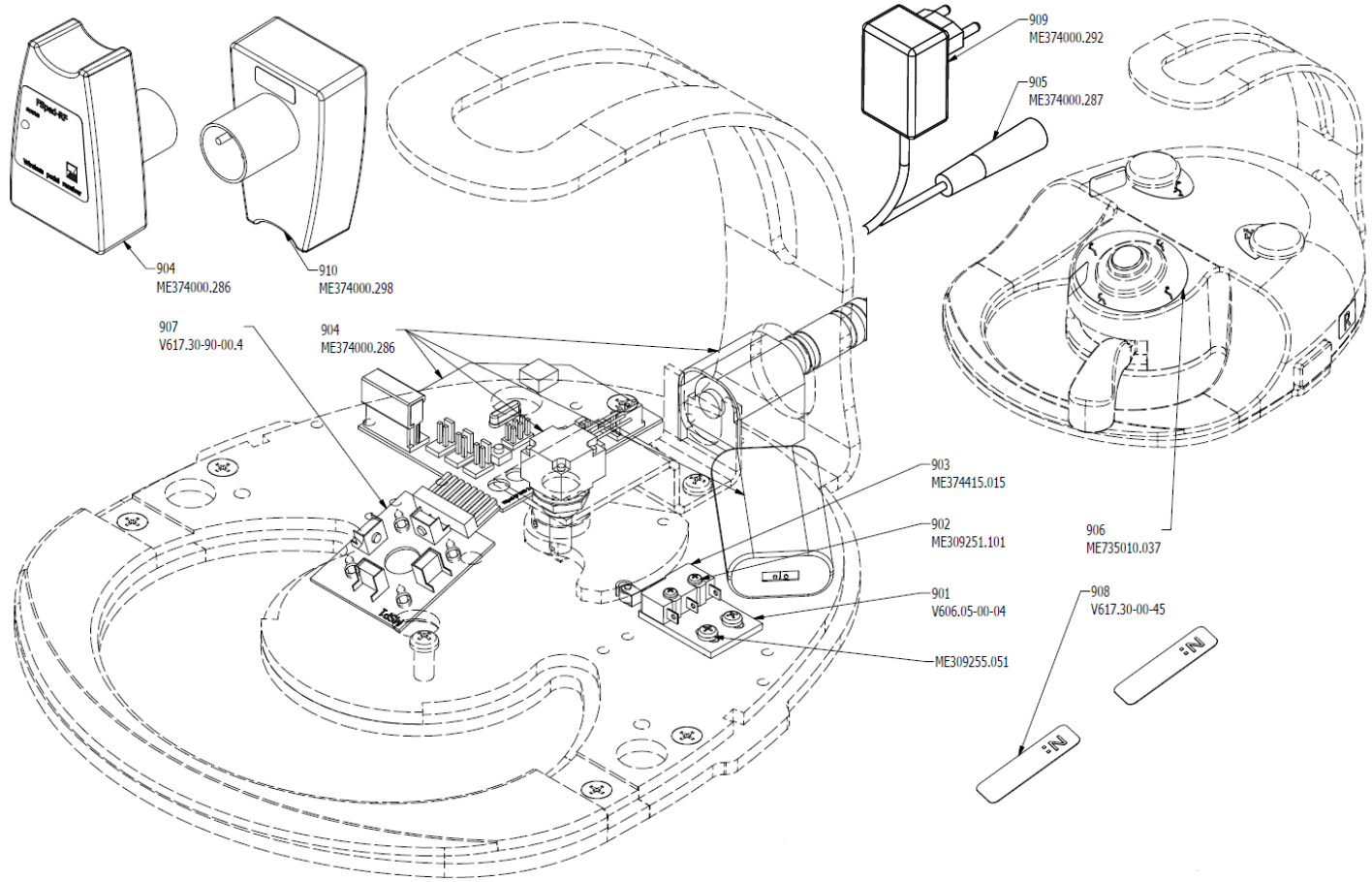
>>UNO FOOT CONTROLLER ELECTRICAL INSTALLATION, hard-wired - V617.30-90-00.5

Position	Item no.	Product name	Unit	Quantity
001	ME374000.264	NO_UNO_0 MODULE	PC	1.00
002	ME389181.064	MSP1 MODULE	PC	1.00
003	V617.30-90-03.4	CABLE, N.O.UNO ECO	PC	1.00
004	ME374010.060	CABLE FOR CONNECTING MODULES - ASSEMBLY	PC	1.00
005	V617.30-90-05.3	WIRES, SQ5 SQ6-ASSEMBLY	PC	1.00
006	V617.30-90-06.3	CABLES, SQ7,SQ8,SQ9-ASSEMBLY	PC	1.00
007	V617.30-90-07.3	POTENTIOMETER CABLE - ASSEMBLY	PC	1.00
008	ME371255.005	POTENTIOMETER, BLUE 25K/N 6 mm, without cable	PC	1.00
009	ME397900.012	CABLE TIE, F 0301 CV-094	PC	10.00
010	ME345711.034	CLAMP, F0505 HC 101	PC	2.00
012	ME343421.011	PVC INSULATING SLEEVE, 2.5X0.5, BLACK	M	0.08
013	ME343422.041	SIL. INSULATING SLEEVE, 1.5X0.4 BLACK	M	0.03



UNO RF wireless, 2015 model – electrical section

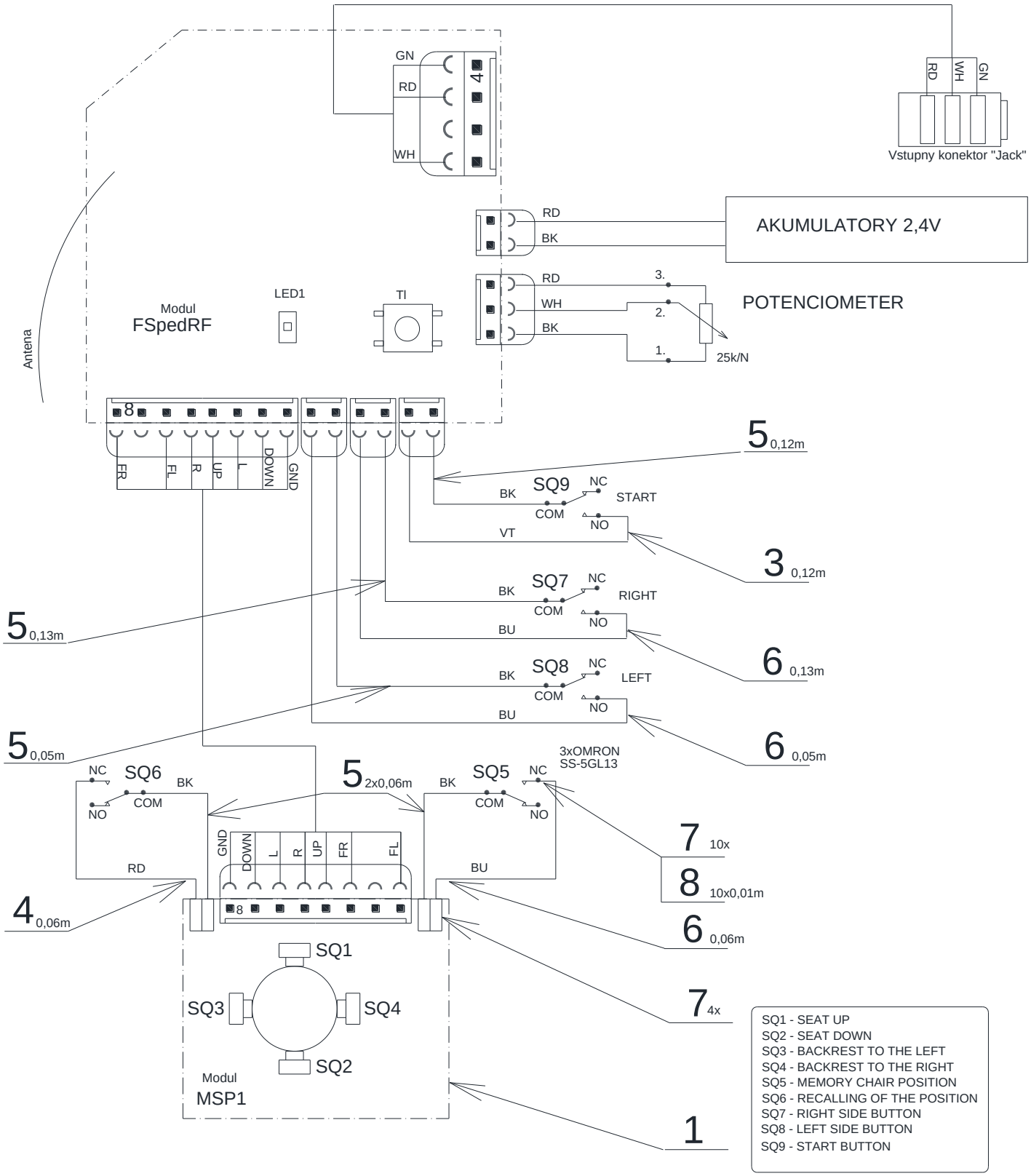
UNO RF 2015 model - V617.30-00-00.1 K-011



Position	Item no.	Product name	Unit	Quantity
901	V606.05-00-04	MICRO SWITCH HOLDER	PC	1.00
902	ME309251.101	THREADED FASTENER, M 2X8	PC	2.00
903	ME374415.015	MICRO SWITCH, OMRON SS-5GL2	PC	1.00
904>>	ME374000.286	SET, FSPED CONTROLLER PARTS - RF UNO	PC	1.00
905>>	ME374000.287	CONNECTING CABLE, EXTERNAL RF UNO	PC	1.00
906>>	ME735010.037	UNO 5 SYMBOL	PC	1.00
907>>	V617.30-90-00.4	ELECTRICAL INSTALLATION, UNO RF	PC	1.00
908	V617.30-00-45	LABEL, RF UNO	PC	2.00
910>>	ME374000.298	FS PED-RFREC, receiver for NO	PC	1.00

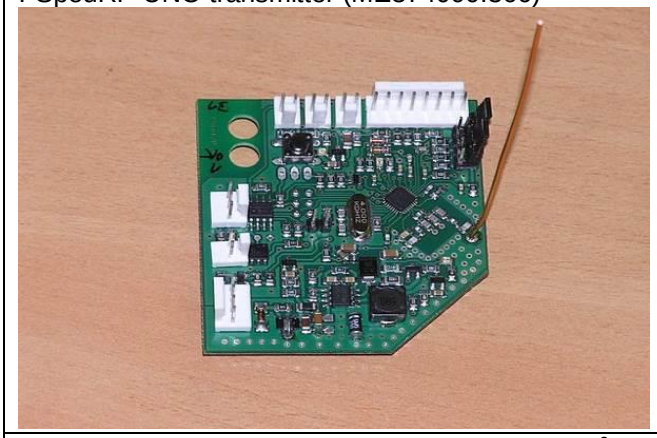
>>ELECTRICAL INSTALLATION, UNO RF, wireless, 2015 model - V617.30-90-00.4

Pos.	Item no.	Product name	Unit	Quantity
001	ME389181.064	MSP1 MODULE	PC	1.00
002	ME397900.012	CABLE TIE, F 0301 CV-094	PC	2.00
003	ME341419.018	WIRE, LiY 0.25 VT VIOLET	M	0.12
004	ME341419.006	WIRE, LiY 0.25 RD - 4126104S	M	0.06
005	ME341419.001	WIRE, LiY 0.25 BK - 4126001S	M	0.42
006	ME341419.002	WIRE, LiY 0.25 BU - 4126002S	M	0.24
007	ME181181.002	TINNED SOLDER ROD, FLUTIN 1532	KG	
008	ME283362.118	PVC INSULATING SLEEVE, 2.5X0.5, GREY	M	0.10


GN
RD
WH
4
RD
WH
GN
Vstupny konektor "Jack"
RD
BK
AKUMULATORY 2,4V
RD
WH
BK
3.
2.
1.
25k/N
POTENCIOMETER
Antena
Modul
FSpedRF
LED1
TI
8
FR
FL
R
UP
L
DOWN
GND
5 0,12m
BK
SQ9
NC
START
COM
NO
VT
3 0,12m
5 0,13m
BK
SQ7
NC
RIGHT
COM
NO
BU
6 0,13m
BK
SQ8
NC
LEFT
COM
NO
BU
5 0,05m
6 0,05m
3xOMRON
SS-5GL13
NC
SQ6
BK
COM
NO
5 2x0,06m
BK
SQ5
NC
COM
NO
7 10x
8 10x0,01m
6 0,06m
RD
BU
GND
DOWN
L
R
UP
FR
FL
8
4 0,06m
SQ1
SQ3
SQ4
SQ2
Modul
MSP1
7 4x
1
SQ1 - SEAT UP
SQ2 - SEAT DOWN
SQ3 - BACKREST TO THE LEFT
SQ4 - BACKREST TO THE RIGHT
SQ5 - MEMORY CHAIR POSITION
SQ6 - RECALLING OF THE POSITION
SQ7 - RIGHT SIDE BUTTON
SQ8 - LEFT SIDE BUTTON
SQ9 - START BUTTON

>>SET, FSPED CONTROLLER PARTS - RF UNO - ME374000.286

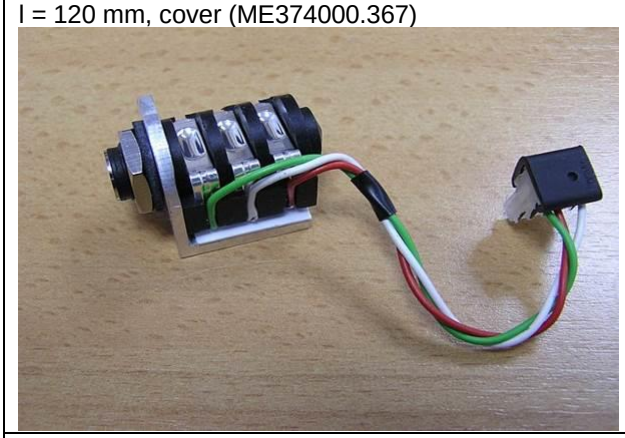
FSpedRF-UNO transmitter (ME374000.366)



Potentiometer (ME371255.005)



Charging connector, holder, washer, wires 0.25 mm^2, l = 120 mm, cover (ME374000.367)



Battery pack, 2 x 1200 mAh, wires 0.25 mm^2, l = 160 mm, Panduit 2-pin connector, cover (ME374000.368)



Connector cover



Charging / communication cable (ME374000.372)



>>Connecting cable - ME374000.287

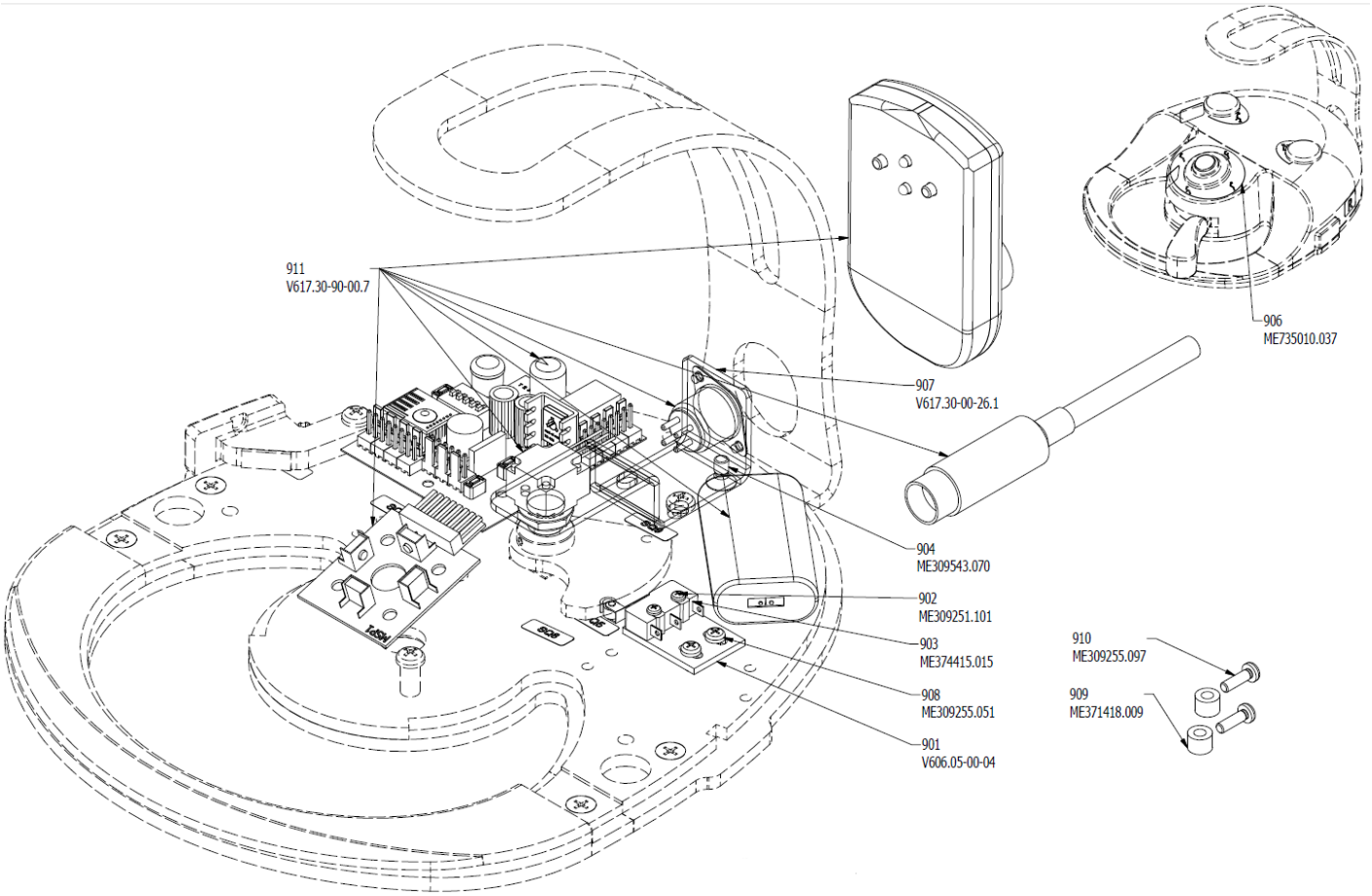


>>FSPED-RF receiver - ME374000.298



UNO RF wireless, 2018 model – electrical section

UNO RF 2018 model - V617.30-00-00.1 K-012

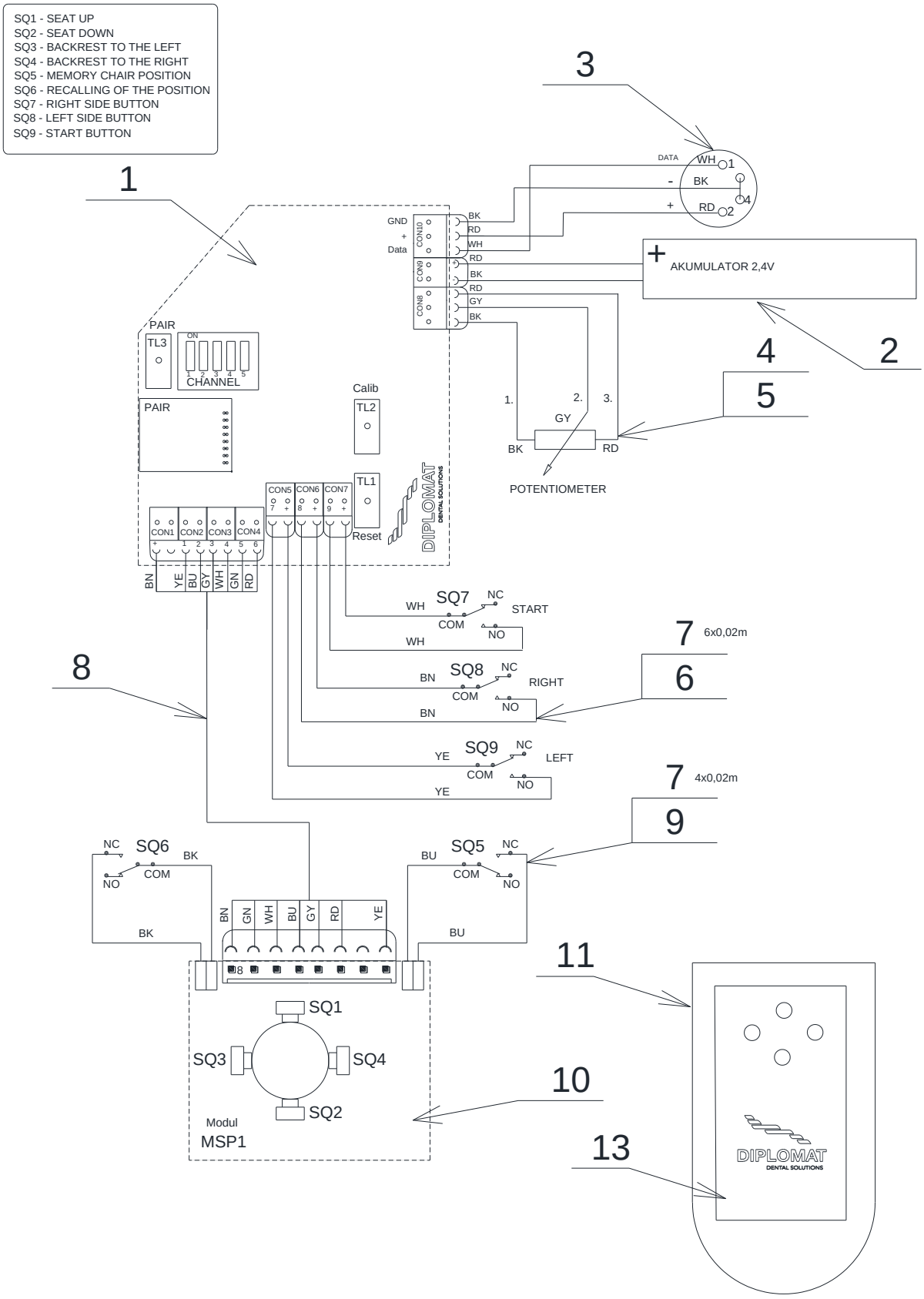


Pos.	Item no.	Product name	Unit	Quantity
901	V606.05-00-04	MICRO SWITCH HOLDER	PC	1.00
902	ME309251.101	THREADED FASTENER, M 2X8	PC	2.00
903	ME374415.015	MICRO SWITCH, OMRON SS-5GL2	PC	1.00
904	ME309543.070	THREADED FASTENER, M 4X8	PC	1.00
906	ME735010.037	UNO 5 SYMBOL	PC	1.00
907	V617.30-00-26.1	POTENTIOMETER HOLDER	PC	1.00
908	ME309255.051	THREADED FASTENER, M 3X6	PC	2.00
909	ME371418.009	SPACER POST, KDR 05	PC	2.00
910	ME309255.097	THREADED FASTENER, M 3x10	PC	2.00
911>>	V617.30-90-00.7	EL. INŠT. N.O. RF UNO	PC	1.00

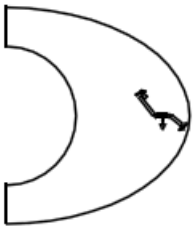
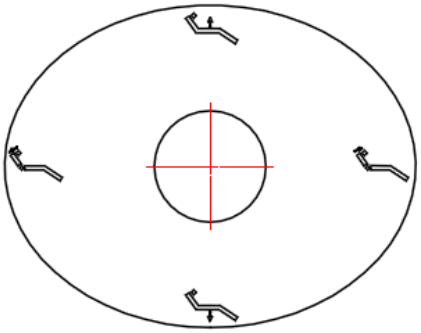
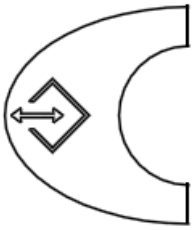
>>ELECTRICAL INSTALLATION, UNO RF, wireless, 2018 model - V617.30-90-00.7

Pos.	Item no.	Product name	Unit	Quantity
001	ME374000.389	DPS_NO_UNO_v3 MODULE	PC	1.00
002	ME374000.396	BATTERY PACK, 2x2500 mAh	PC	1.00
003	ME374000.415	NO_DIN4_PREPOJ	PC	1.00
004	V617.30-90-07.3	POTENTIOMETER CABLE - ASSEMBLY	PC	1.00
005	ME371255.005	POTENTIOMETER, BLUE 25K/N 6 mm, without cable	PC	1.00
006	V617.30-90-06.3	CABLES, SQ7,SQ8,SQ9-ASSEMBLY	PC	1.00
007	ME343421.011	PVC INSULATING SLEEVE, 2.5X0.5, BLACK	M	0.20
008	ME374000.409	CONNECTING WIRE, UNO RF	PC	1.00

009	V617.30-90-05.3	WIRES, SQ5 SQ6-ASSEMBLY	PC	1.00
010	ME389181.064	MSP1 MODULE	PC	1.00
011	ME374000.388	LUX RECEIVER MODULE	PC	1.00
012	ME374000.398	CONNECTING CABLE TO NO_RF_DD	PC	1.00
013	ME735552.195	STICKER, RF RECEIVER	PC	1.00



>>UNO 5 SYMBOLS - ME735010.037

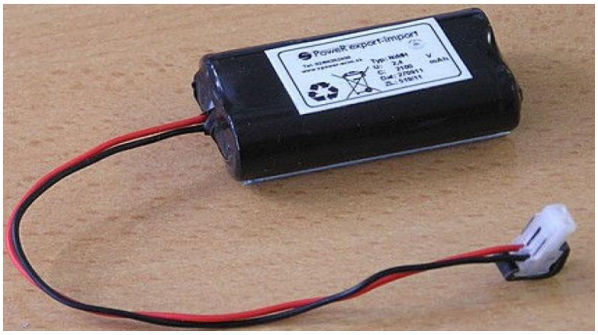
	seating position		chair controls
	chair programming		
	spray (reverse/endo)		
	cup filler/chip blower		

UNO - Battery connection in the foot controller

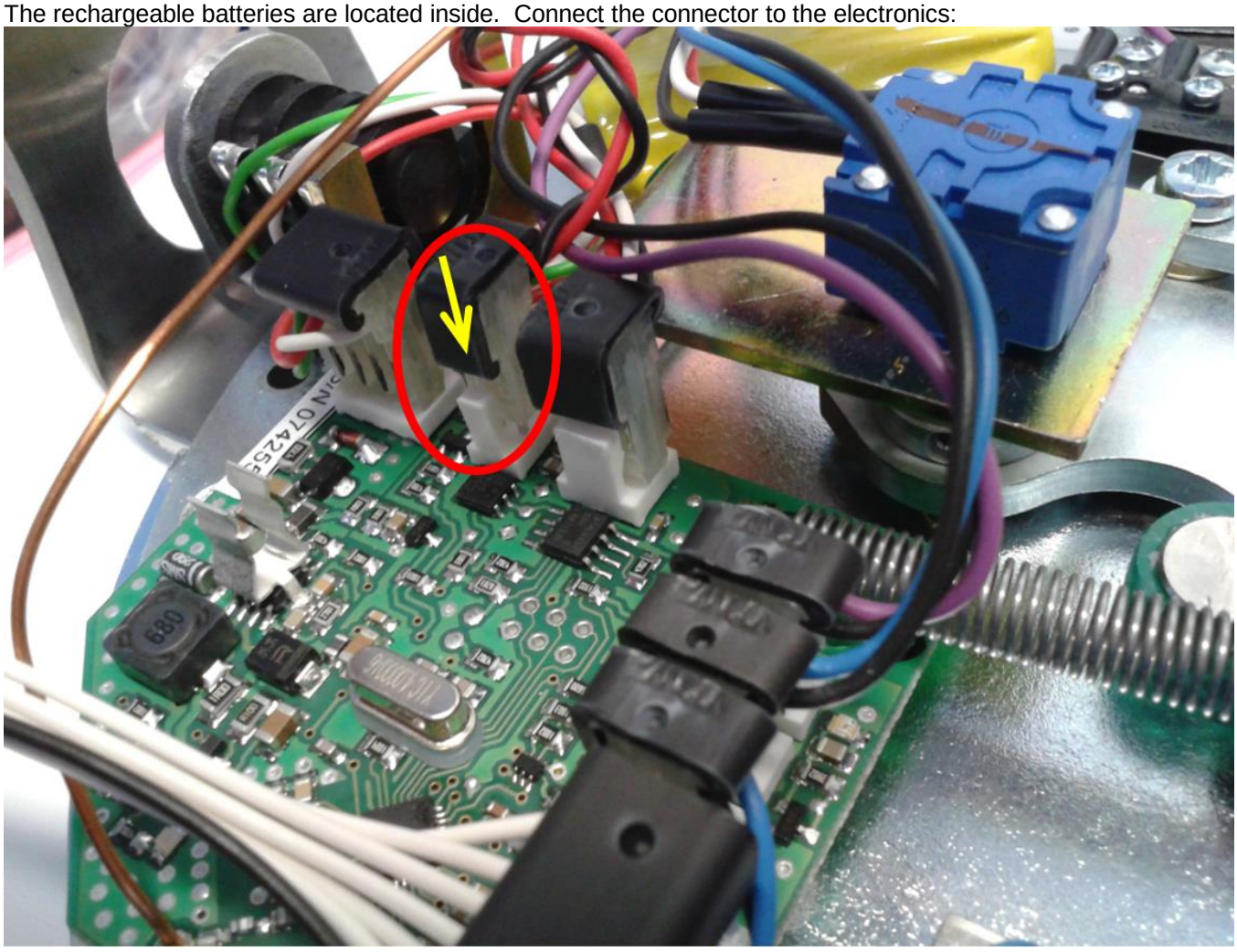


Remove the 4 threaded fasteners in the bottom of the controller.





The rechargeable batteries are located inside. Connect the connector to the electronics:



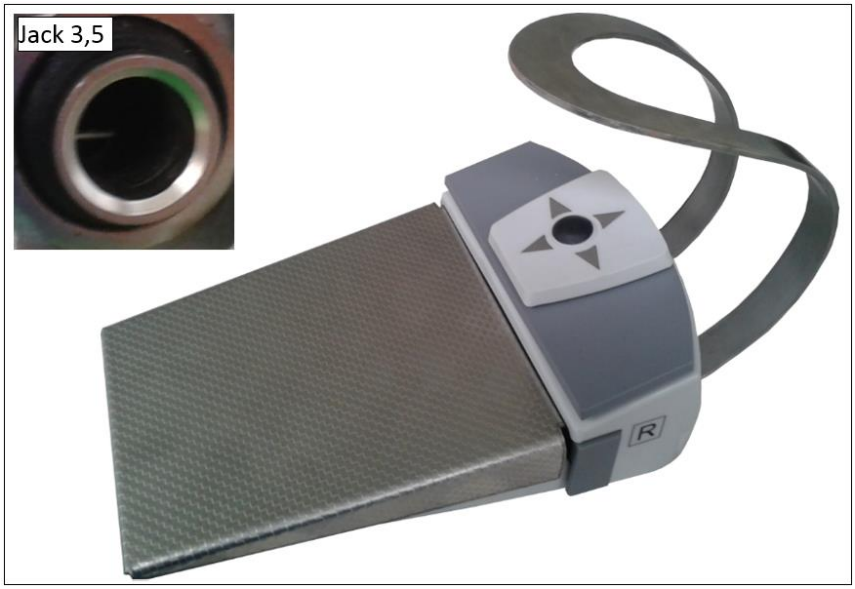
K2 - Combined foot controller (NOK)

►COMPLETE NOK FOOT CONTROLLER - hard-wired - V606.04-00-00.2 K-011





►COMPLETE NOK RF FOOT CONTROLLER, wireless - 2015 model - V606.04-00-00.2 K-012

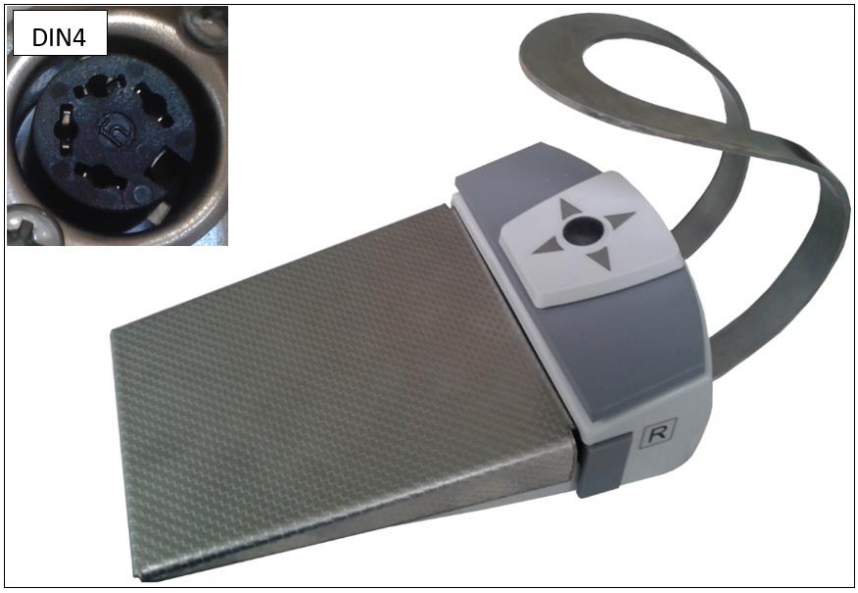


RF Receiver, 2015 model



XLR connector

►COMPLETE NOK RF FOOT CONTROLLER, wireless - 2018 model - V606.04-00-00.2 K-015

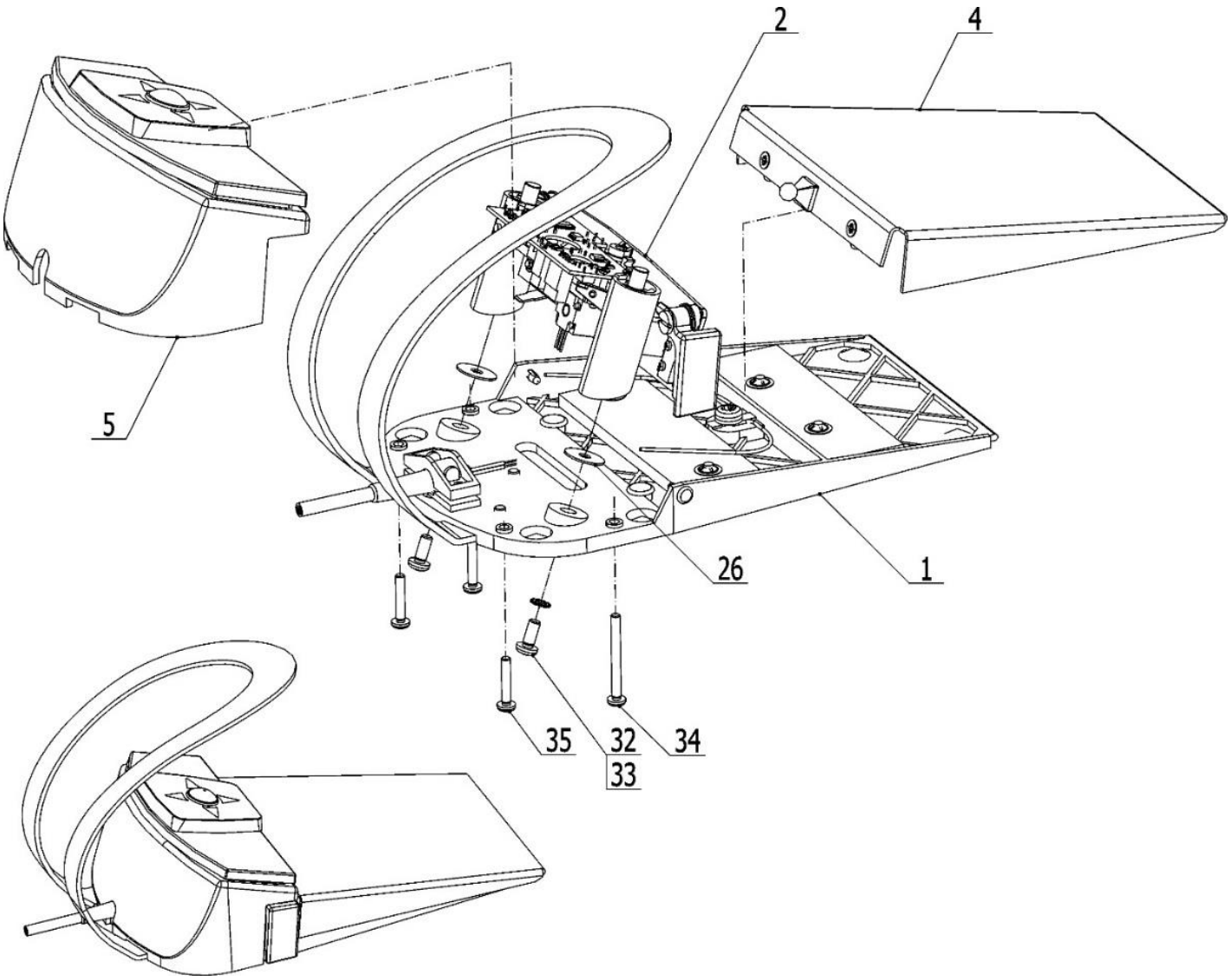


RF Receiver, 2018 model



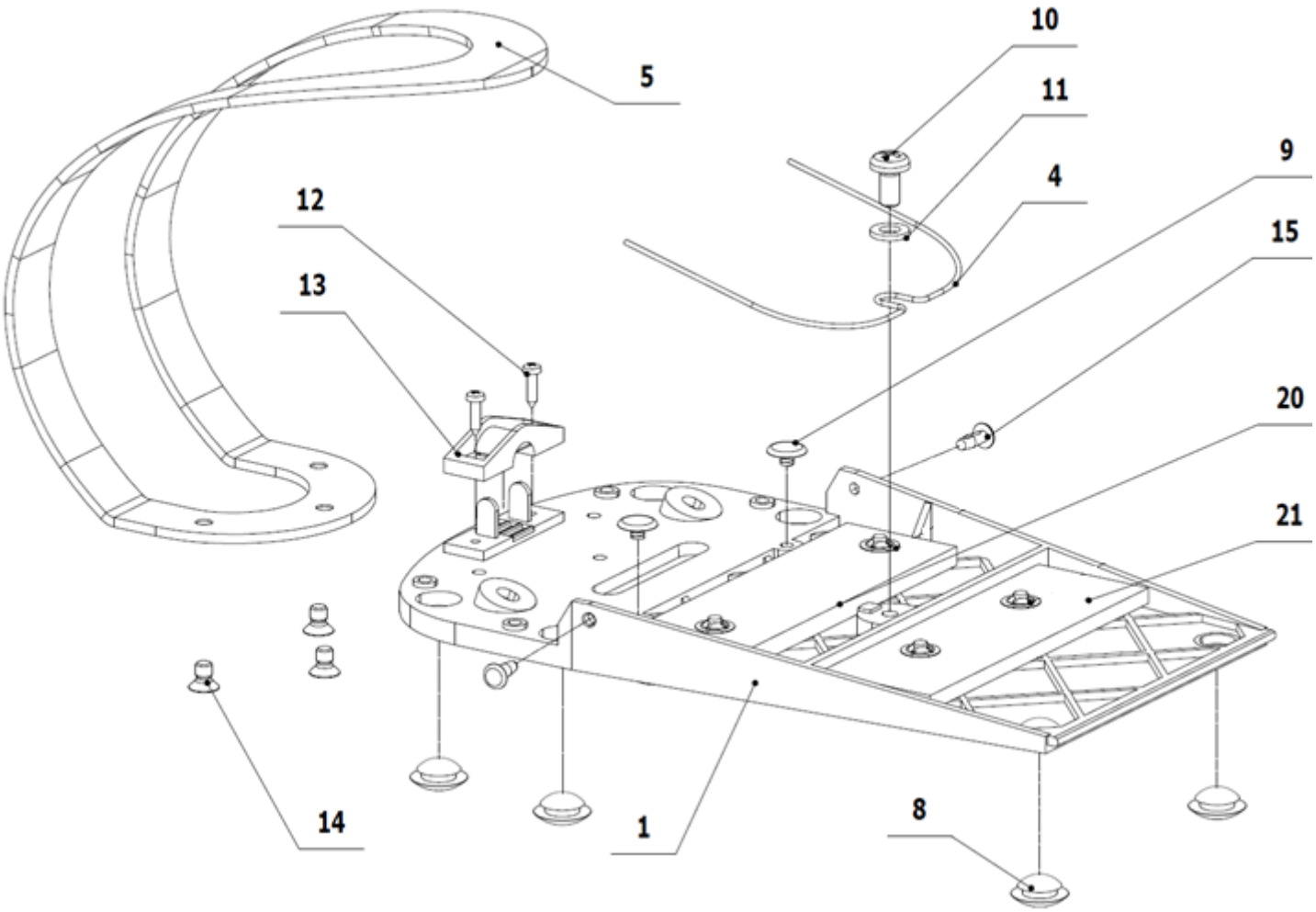
XLR connector

NOK - V606.04-00-00.2 K-011- hard-wired



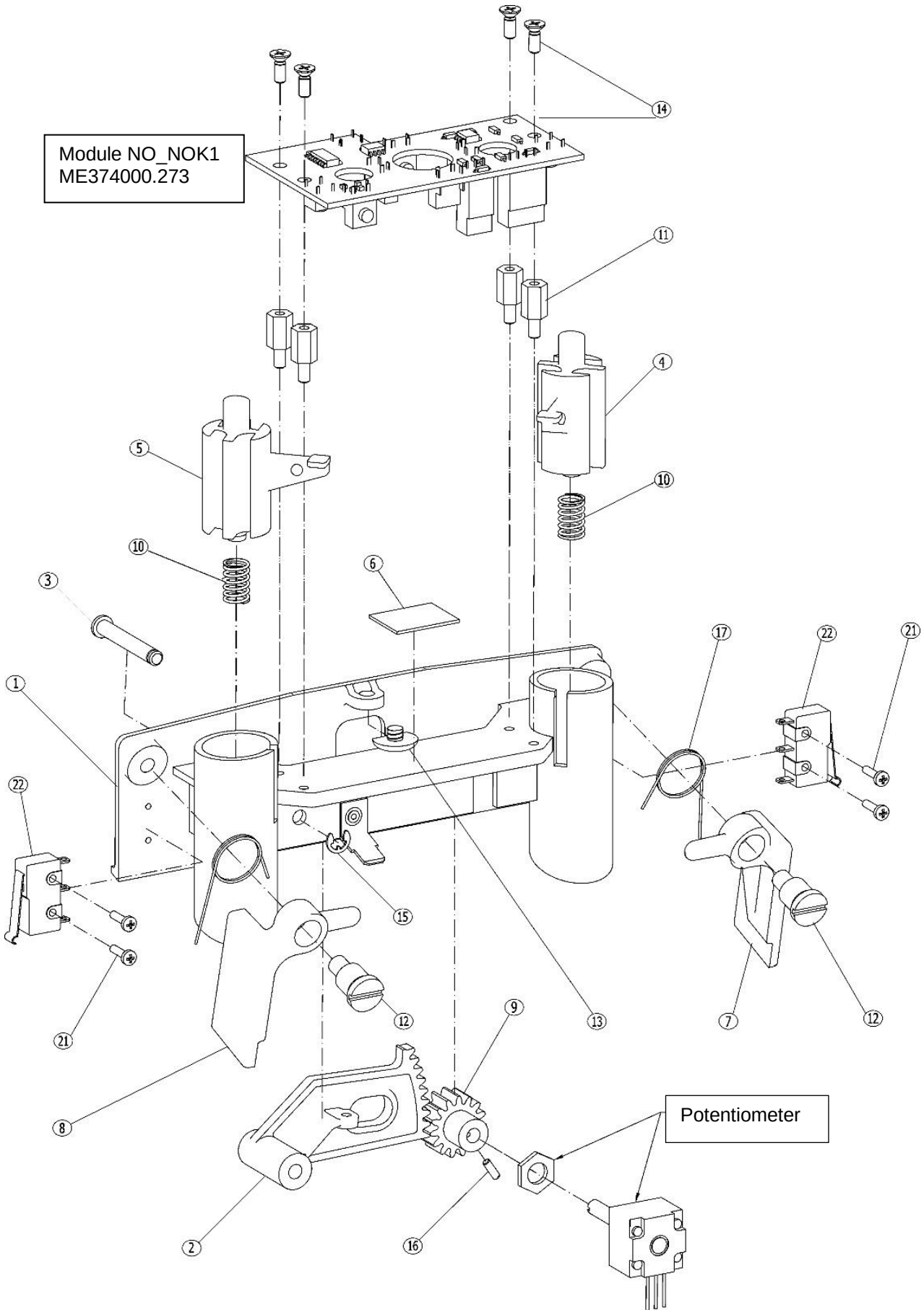
Pos.	Item no.	Product name	Unit	Quantity
001>>	V606.04-01-00.1	FLOOR PLATE	PC	1.00
002>>	V606.04-02-00.1	HOLDER	PC	1.00
004>>	V606.04-04-00	CONTROL ACTUATOR	PC	1.00
005>>	V606.04-05-00.1	COVER	PC	1.00
026	V606.04-00-26	SPACING WASHER	PC	2.00
032	ME309255.041	THREADED FASTENER, M 5X12	PC	2.00
033	ME311214.003	WASHER, P 5.3	PC	2.00
034	ME309255.079	THREADED FASTENER, M 4X40	PC	2.00
035	ME309255.080	THREADED FASTENER, M 4X22	PC	2.00
901>>	V606.04-90-00.7	EL.INST.NO NOK ECO	PC	1.00
902>>	ME735010.028	NOK 2 SYMBOLS	PC	1.00

>>FLOOR PLATE - V606.04-01-00.1



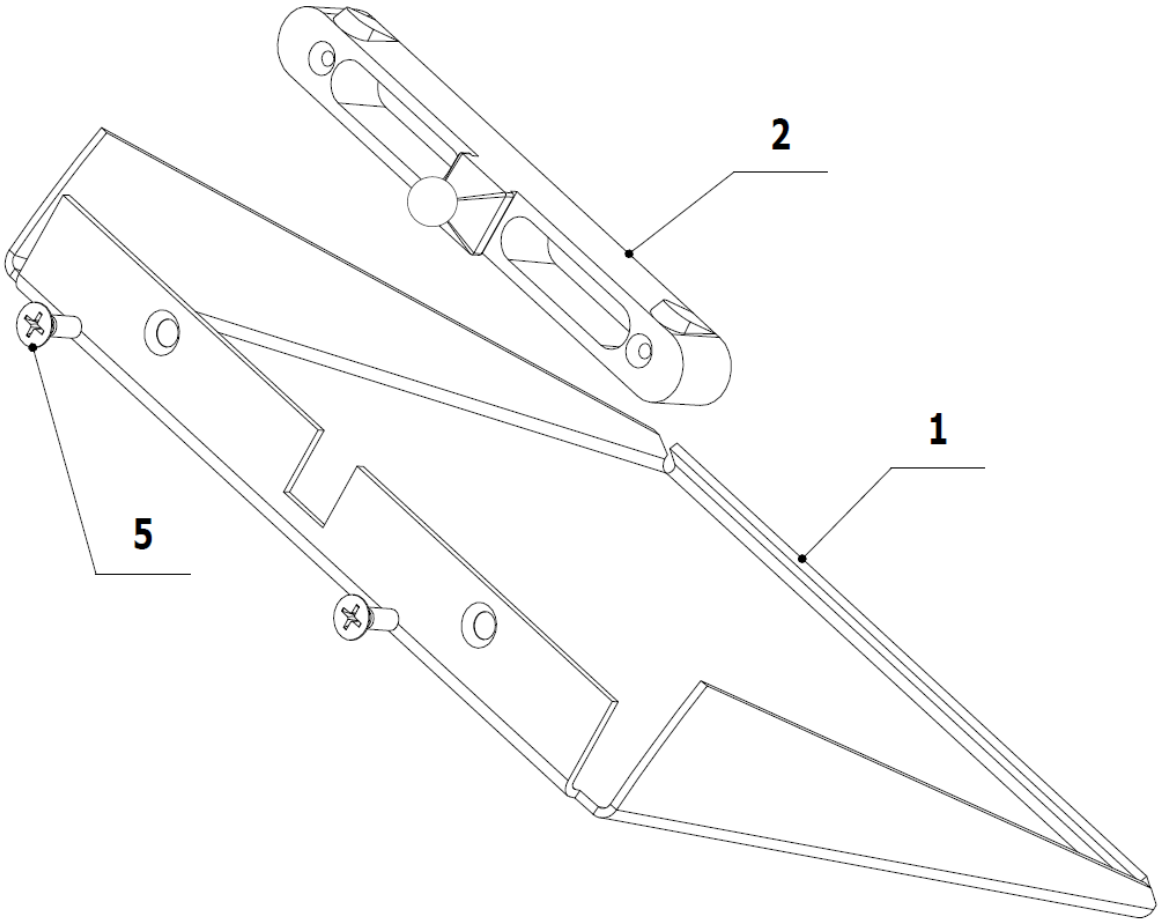
Pos.	Item no.	Product name	Unit	Quantity
001	V606.04-00-01.1	BASE PLATE	PC	1.00
004	ME315000.087	CONTROL ACTUATOR SPRING	PC	1.00
005	V606.04-00-05	CARRIER	PC	1.00
008	ME321200.007	FOOT CONTROLLER, C.1870081	PC	7.00
009	V606.04-00-24	STOP, P4.2	PC	2.00
010	ME309255.078	THREADED FASTENER, M 6X12	PC	1.00
011	ME311210.027	WASHER, P 6.4	PC	1.00
012	ME309285.074	THREADED FASTENER, P 3X12 ECO SYN	PC	2.00
013	ME273121.032	CABLE BUSHING, PA 238	PC	1.00
014	ME309251.129	THREADED FASTENER, M 5X6 MZ FORM Z	PC	3.00
015	ME321200.013	EXPANSIBLE PIN	PC	2.00
020	V606.04-01-20.1	WEIGHT, REAR	PC	1.00
021	V606.04-01-21.1	WEIGHT, FRONT	PC	1.00

>>HOLDER - V606.04-02-00.1



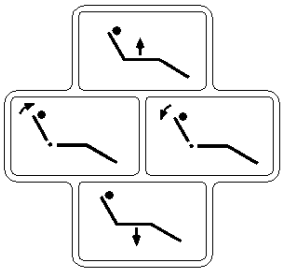
Pos.	Item no.	Product name	Unit	Quantity
001	V606.04-02-01	HOLDER	PC	1.00
002	V606.04-00-10	TOOTHED SEGMENT	PC	1.00
003	V606.04-00-19	SEGMENT STUD	PC	1.00
004	ME321821.111	SWITCHING ACTUATOR, LEFT, 3-606.04-00-06 L	PC	1.00
005	ME321821.112	SWITCHING ACTUATOR, RIGHT, 3-606.04-00-06 P	PC	1.00
006	V606.04-00-23	INSULATING WASHER	PC	1.00
007	ME321822.064	MICRO SWITCH LEVER, LEFT	PC	1.00
008	ME321822.065	MICRO SWITCH LEVER, RIGHT	PC	1.00
009	V606.04-00-12	PINION - MODIFIED	PC	1.00
010	ME315000.122	SPRING, V606.04-00-18.1	PC	2.00
011	ME371418.007	SPACER POST, M3-9	PC	4.00
012	V606.04-02-12	LEVER STUD	PC	2.00
013	V606.04-00-25	STOP, P4.2	PC	1.00
014	ME309255.107	THREADED FASTENER, M 3X8	PC	4.00
015	ME311000.001	LOCK RING P 3.2	PC	1.00
016	ME309281.090	THREADED FASTENER, M 3X5	PC	1.00
017	ME315000.119	LEVER SPRING	PC	2.00
021	ME309251.101	THREADED FASTENER, M 2X8	PC	4.00
022	ME374415.031	MICRO SWITCH, OMRON SS-5GL 13	PC	2.00

>> PEDAL (CONTROL ACTUATOR) - V606.04-04-00

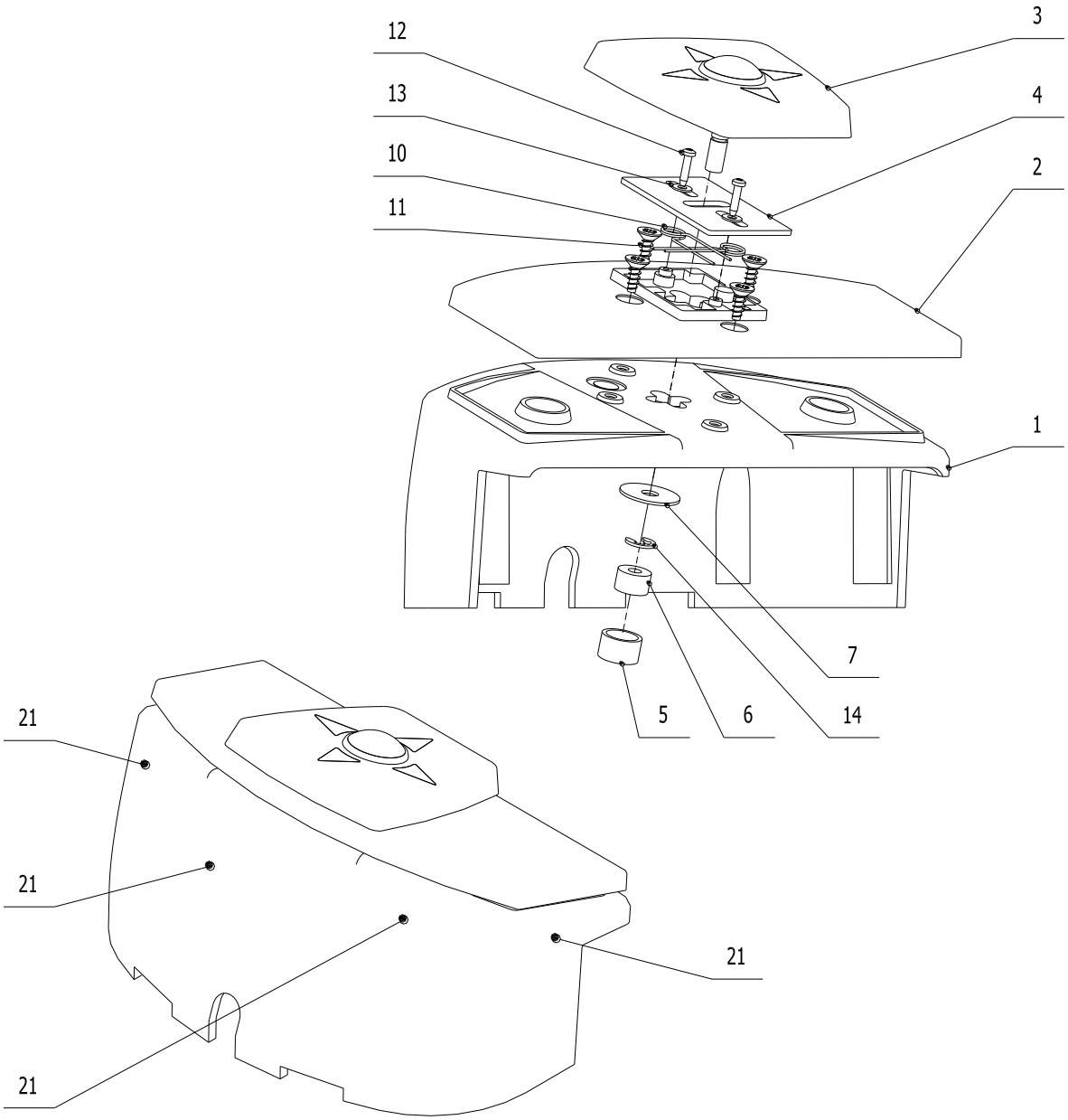


Pos.	Item no.	Product name	Unit	Quantity
001	V606.04-00-04	CONTROL ACTUATOR (PEDAL)	PC	1.00
002	ME321821.113	THUMB, 3-606.04-00-07	PC	1.00
005	ME309285.065	THREADED FASTENER, P 3.5X10 ECO SYN	PC	2.00

>>NOK 2 SYMBOLS - ME735010.028

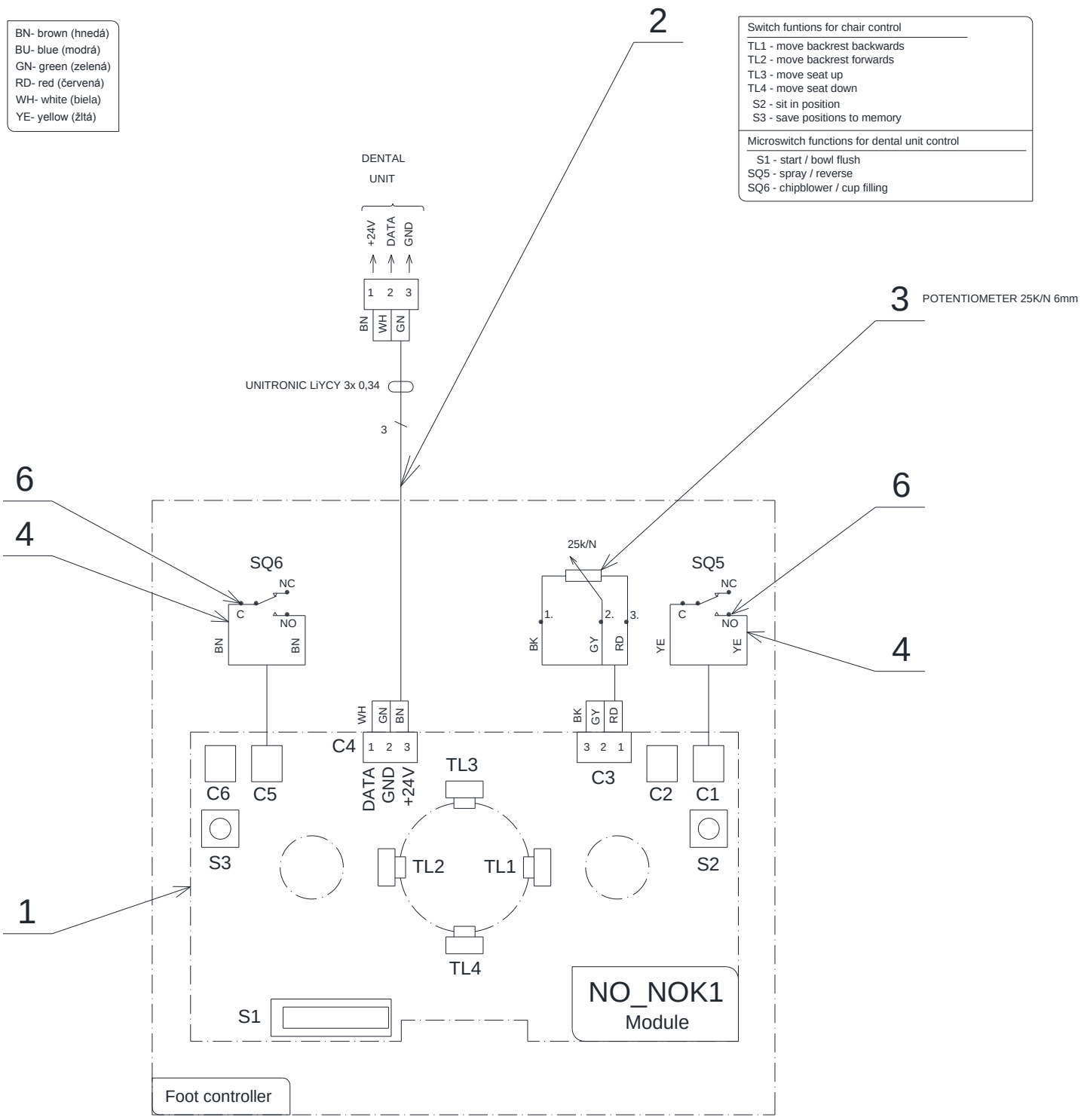
	seating position		chair controls
	chair programming		
	spray (reverse/endo)		
	cup filler/chip blower		

>>COVER - V606.04-05-00.1



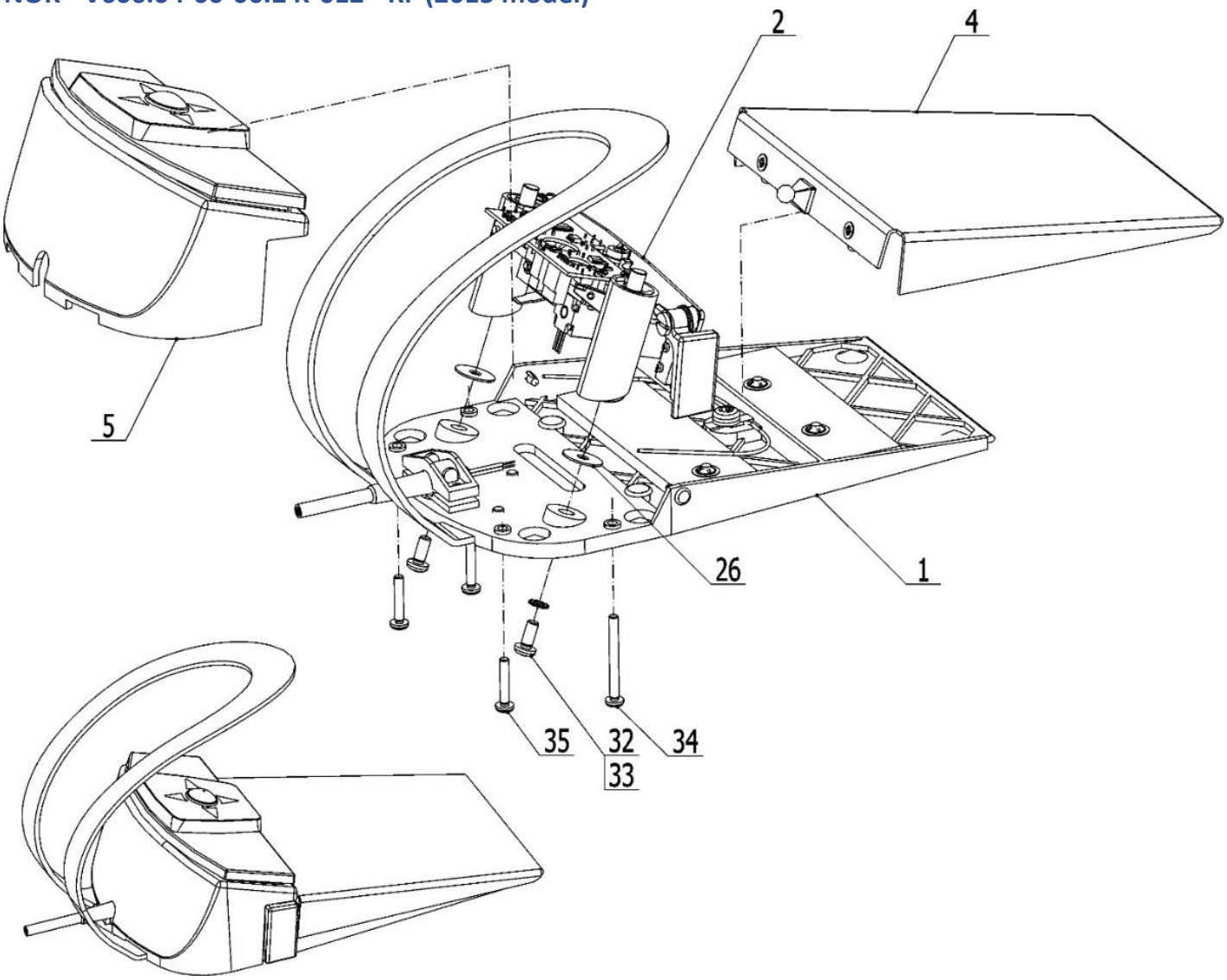
Position	Item no.	Product name	Unit	Quantity
001	V606.04-05-01	COVER 2	PC	1.00
002	V606.04-00-08	SWITCH PLATE	PC	1.00
003	V606.04-09-00.1	JOYSTICK	PC	1.00
004	V606.04-00-15	GUIDE PLATE	PC	1.00
005	V606.04-00-21	BUSHING	PC	1.00
006	ME273114.025	FOAM RING 4x12	PC	3.00
007	V606.04-00-20	WASHER	PC	1.00
010	ME315000.123	SPRING	PC	2.00
011	ME309285.065	THREADED FASTENER, P 3.5X10 ECO SYN	PC	4.00
012	ME309285.046	THREADED FASTENER, P 2.2x10 ECO SYN	PC	2.00
013	ME311280.001	WASHER, P 2.7	PC	2.00
014	ME311732.004	LOCK RING P 4	PC	1.00
021	ME735010.028	NOK 2 SYMBOLS	PC	OPTION

>>NOK FOOT CONTROLLER ELECTRICAL INSTALLATION, hard-wired - V606.04-90-00.7



Pos.	Item no.	Product name	Unit	Quantity
001	ME374000.273	NO_NOK1 MODULE	PC	1.00
002	V606.04-90-02.6	CABLE, N.O. NOK ECO	PC	1.00
003	ME371255.005	POTENTIOMETER BLUE 25K/N 6mm	PC	1.00
004	V606.04-90-04.5	CONNECTIONS, SQ5, SQ6	PC	1.00
006	ME181181.002	TINNED SOLDER ROD, FLUTIN 1532	KG	

NOK - V606.04-00-00.2 K-012 - RF (2015 model)



Position	Item no.	Product name	Unit	Quantity
001>>	V606.04-01-00.1	FLOOR PLATE	PC	1.00
002>>	V606.04-02-00.1	HOLDER	PC	1.00
004>>	V606.04-04-00	CONTROL ACTUATOR	PC	1.00
005>>	V606.04-05-00.1	COVER	PC	1.00
026	V606.04-00-26	SPACING WASHER	PC	2.00
032	ME309255.041	THREADED FASTENER, M 5X12	PC	2.00
033	ME311214.003	WASHER, P 5.3	PC	2.00
034	ME309255.079	THREADED FASTENER, M 4X40	PC	2.00
035	ME309255.080	THREADED FASTENER, M 4X22	PC	2.00
901>>	V606.04-90-00.6	NOK FOOT CONTROLLER ELECTRICAL INSTALLATION	PC	1.00
902>>	ME735010.028	NOK 2 SYMBOLS	PC	1.00
903>>	ME374000.287	CONNECTING CABLE, EXTERNAL RF UNO	PC	1.00
904	V606.04-00-27	LABEL, RF NOK	PC	2.00
905>>	ME376000.039	ADAPTER, SWM6-12-EH-P5	PC	OPTION
906>>	ME374000.298	FS PED-RFREC, receiver for NO	PC	1.00
907	V629.02-90-03	WIRELESS FOOT CONTROLLER CONNECTION	PC	1.00

The following parts breakdown is identical to the hard-wired version of the NOK foot controller. See above:
The following parts breakdown is identical to the hard-wired version of the NOK foot controller. See above:

>> FLOOR PLATE - V606.04-01-00.1

>> HOLDER - V606.04-02-00.1

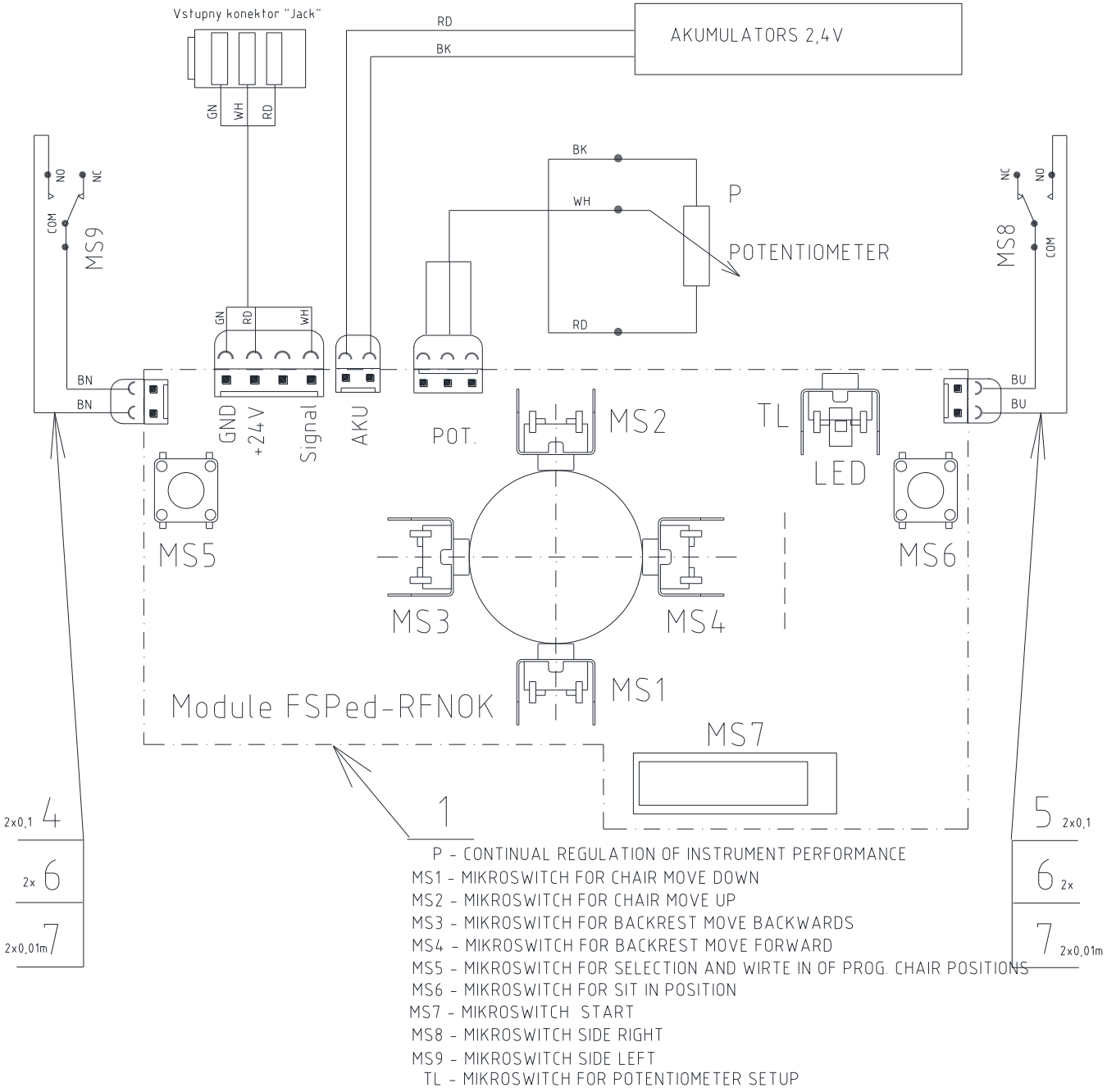
>> PEDAL (CONTROL ACTUATOR) - V606.04-04-00

>> COVER - V606.04-05-00.1

>> NOK 2 SYMBOLS - ME735010.028

>> NOK RF ELECTRICAL INSTALLATION (2015 model) - V606.04-90-00.6

Pos.	Item no.	Product name	Unit	Quantity
001>>	ME374000.302	SET, FSPED CONTROLLER PARTS - RF NOK	PC	1.00
004	ME341419.003	WIRE, LiY 0.25 BN - 4126003S	M	0.20
005	ME341419.002	WIRE, LiY 0.25 BU - 4126002S	M	0.20
006	ME181181.002	TINNED SOLDER ROD, FLUTIN 1532	KG	
007	ME283362.118	PVC INSULATING SLEEVE, 2.5X0.5, GREY	M	0.04

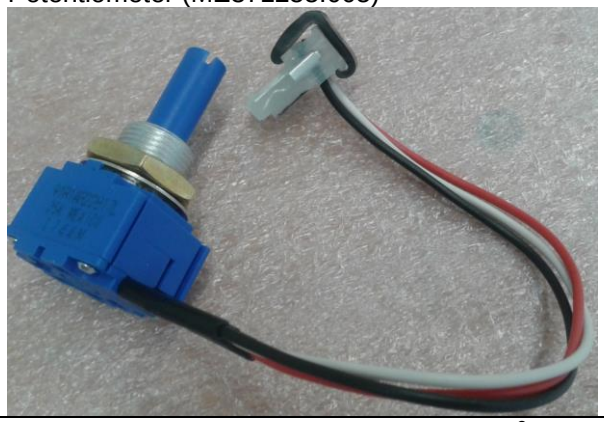


>>SET, FSPED CONTROLLER PARTS - RF NOK - ME374000.302

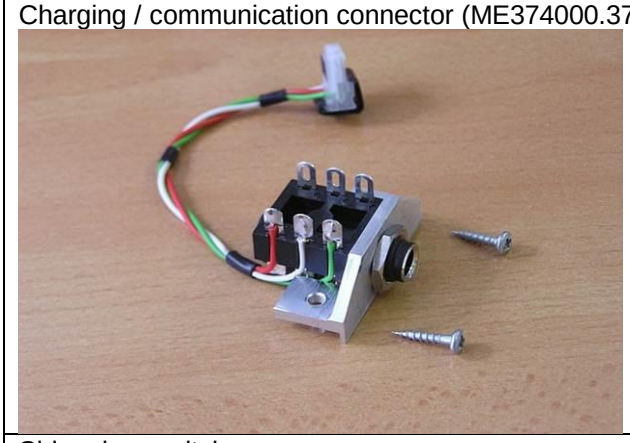
FSPED-RFNOK transmitter (ME374000.369)



Potentiometer (ME371255.005)



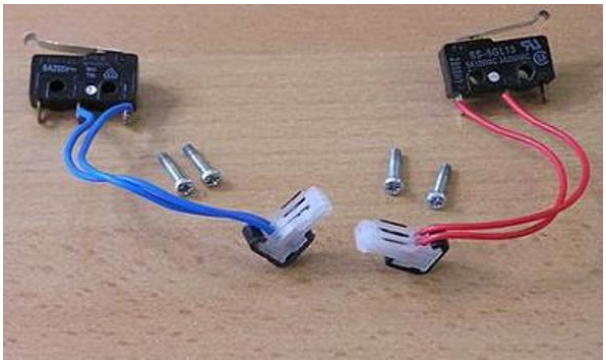
Charging / communication connector (ME374000.370)



Battery pack, 2x 1200 mAh, wires 0.25 mm^2, l = 160 mm, Panduit 2-pin connector, cover (ME374000.368)



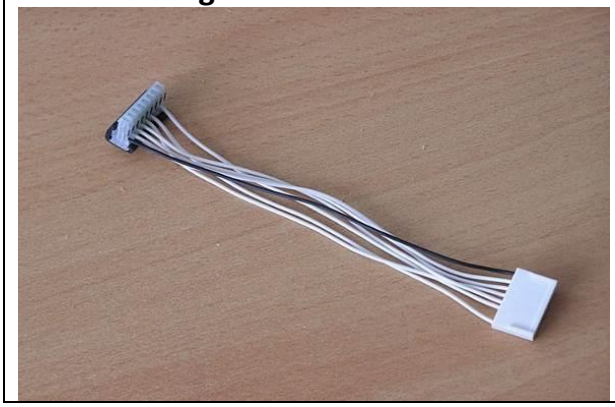
Side micro switches



Charging / communication cable (ME374000.372)



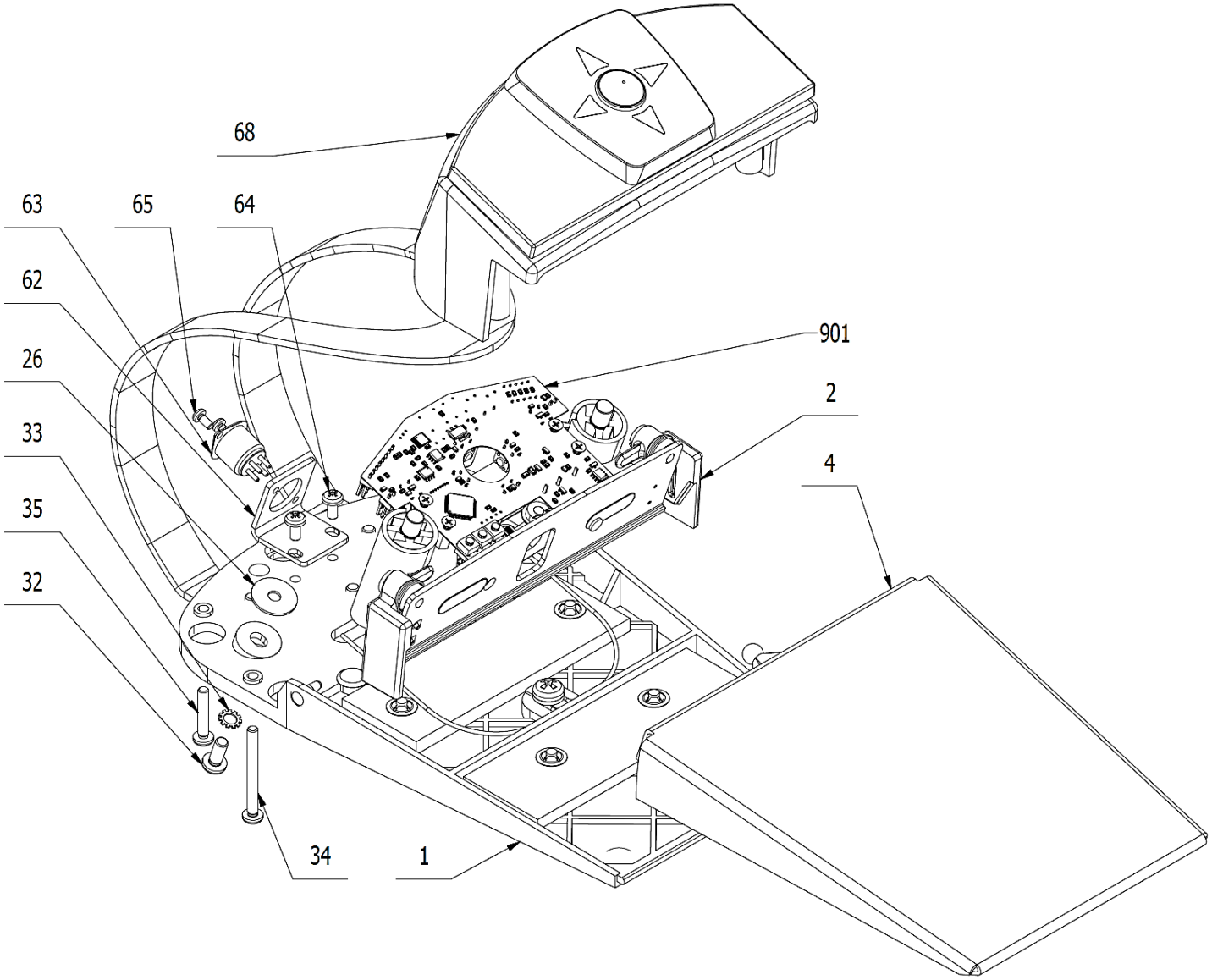
>>Connecting cable - ME374000.287



>>FSPED-RF receiver - ME374000.298



NOK - V606.04-00-00.2 K-015 - RF (current 2018 model)



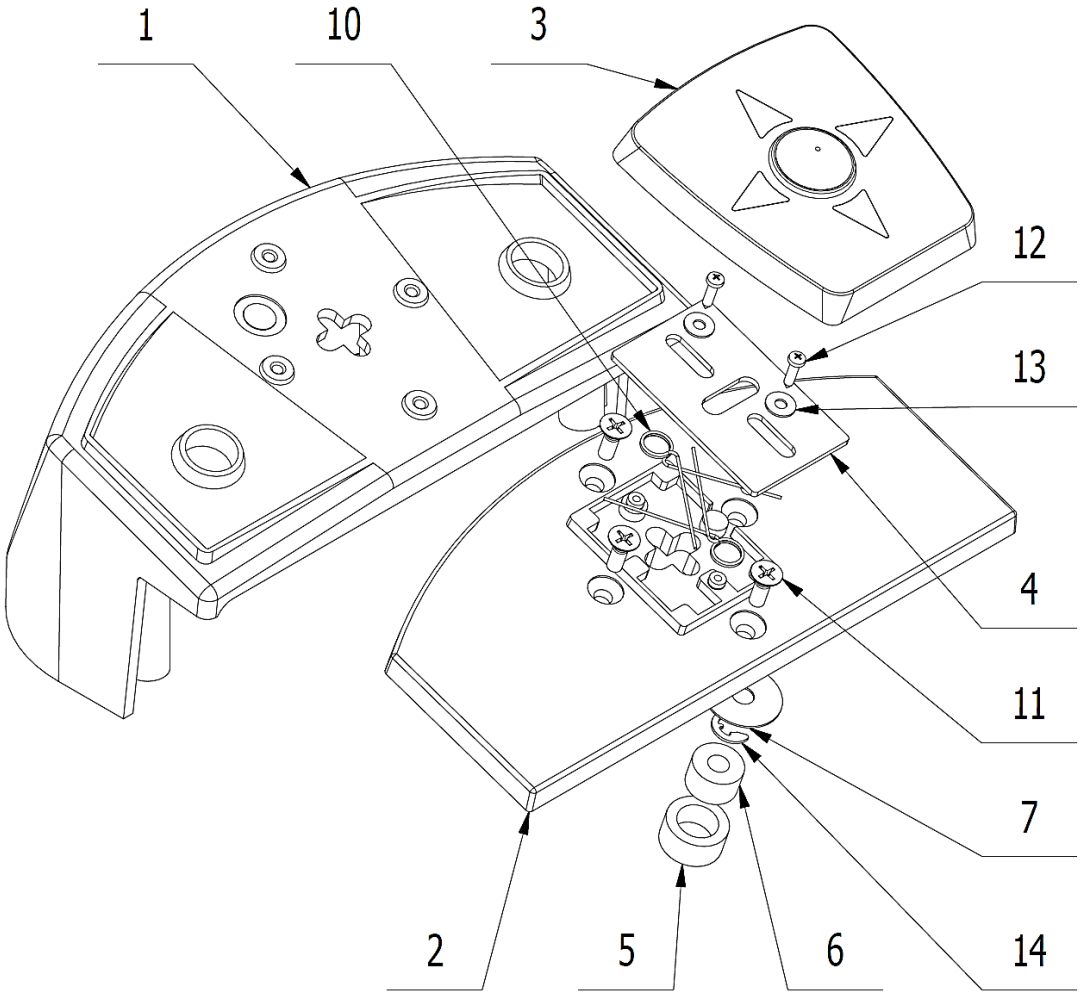
Pos.	Item no.	Product name	Unit	Quantity
001>>	V606.04-01-00.1	FLOOR PLATE	PC	1.00
002>>	V606.04-02-00.1	HOLDER	PC	1.00
004>>	V606.04-04-00	PEDAL - CONTROL ACTUATOR	PC	1.00
026	V606.04-00-26	SPACING WASHER	PC	2.00
032	ME309255.041	THREADED FASTENER, M 5X12	PC	2.00
033	ME311214.003	WASHER, P 5.3	PC	2.00
034	ME309255.079	THREADED FASTENER, M 4X40	PC	2.00
035	ME309255.080	THREADED FASTENER, M 4X22	PC	2.00
062	V617.30-00-26.2	CONNECTOR HOLDER	PC	1.00
063	ME374000.415	NO_DIN4_PREPOJ	PC	1.00
064	ME309543.068	THREADED FASTENER, M 4X8	PC	2.00
065	ME309255.051	THREADED FASTENER, M 3X6	PC	2.00
068>>	V606.04-05-00.2	COVER	PC	1.00
901>>	V606.04-90-00.9	EL. INSTALLATION, NOK RF	PC	1.00
902>>	ME735010.028	NOK 2 SYMBOLS	PC	1.00

The following parts breakdown is identical to the hard-wired version of the NOK foot controller. See above:

The following parts breakdown is identical to the hard-wired version of the NOK foot controller. See above:

>> FLOOR PLATE - V606.04-01-00.1
>> HOLDER - V606.04-02-00.1
>> PEDAL (CONTROL ACTUATOR) - V606.04-04-00
>> NOK 2 SYMBOLS - ME735010.028

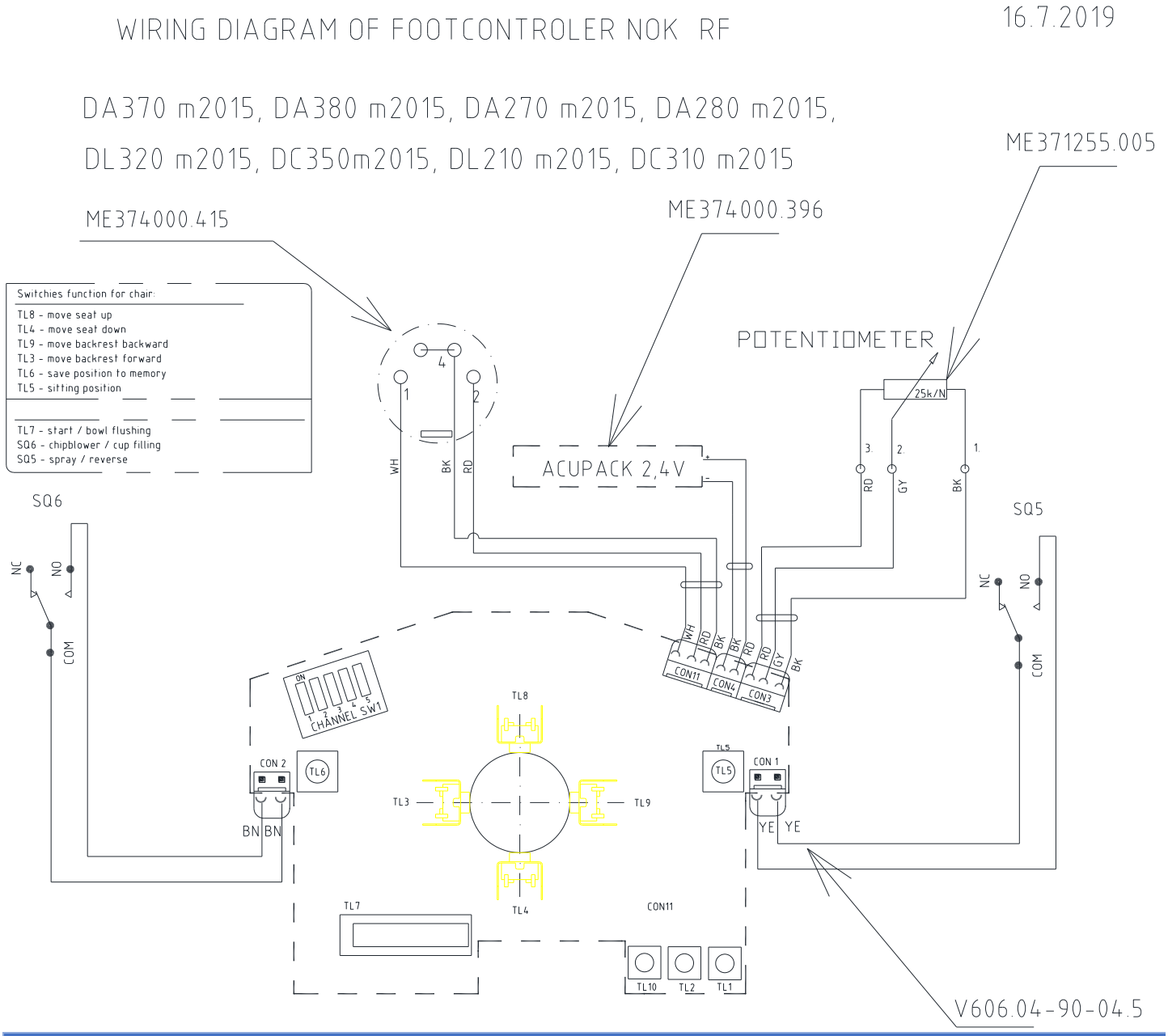
>> COVER - V606.04-05-00.2



Pos.	Item no.	Product name	Unit	Quantity
001	V606.04-05-01.1	COVER 2	PC	1,00
002	V606.04-00-08	SWITCH PLATE	PC	1,00
003	V606.04-09-00.1	JOYSTICK	PC	1,00
004	V606.04-00-15	GUIDE PLATE	PC	1,00
005	V606.04-00-21	BUSHING	PC	1,00
006	ME273114.025	FOAM SPRING	PC	3,00
007	V606.04-00-20	WASHER	PC	1,00
010	ME315000.123	SPRING	PC	2,00
011	ME309285.065	THREADED FASTENER, P 3.5X10 ECO SYN	PC	4,00
012	ME309285.046	THREADED FASTENER, P 2.2x10 ECO SYN	PC	2,00
013	ME311280.001	WASHER, P 2.7	PC	2,00

014	ME311732.004	LOCK RING P 4	PC	1,00

>> NOK RF ELECTRICAL INSTALLATION, 2018 model - V606.04-90-00.9



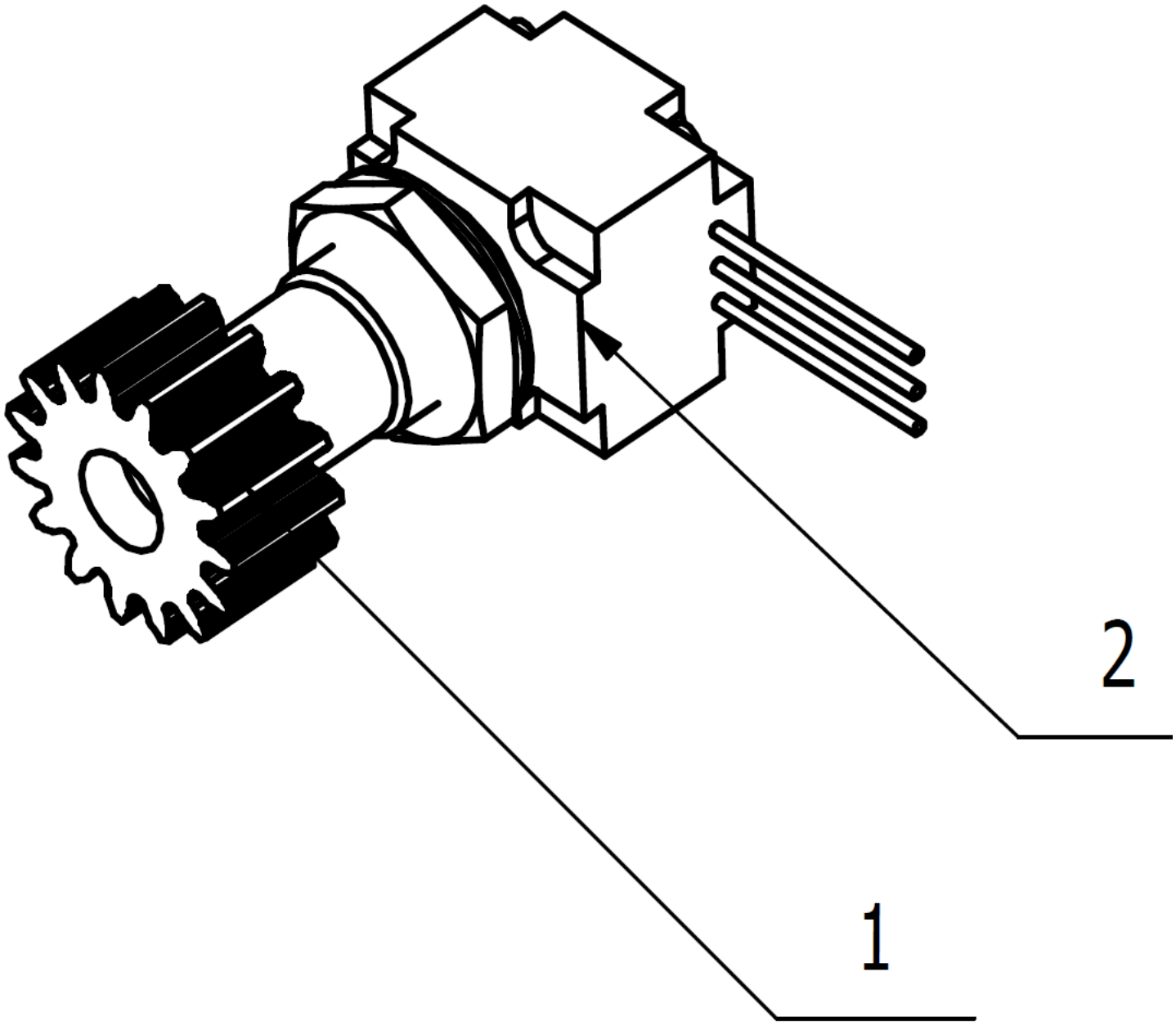
Pos.	Item no.	Product name	Unit	Quantity
001	ME374000.390	DPS_NO_NOK_v3 MODULE	PC	1.00
002	V606.04-90-04.5	CONNECTIONS, SQ5, SQ6	PC	1.00
005	ME371255.005	POTENTIOMETER BLUE 25K/N 6mm	PC	1.00
006	ME374000.396	BATTERY PACK, 2x2500 mAh	PC	1.00
007	ME374000.388	LUX RECEIVER MODULE	PC	1.00
008	ME735552.195	STICKER, RF RECEIVER	PC	1.00
009	ME374000.398	CONNECTING CABLE TO NO_RF_DD	PC	1.00

>> STANDALONE POWER ADAPTER FOR UNO/NOK WIRELESS FOOT CONTROLLERS – ME376000.039

(with DIN4 connector - designed for 2018 model foot controllers)



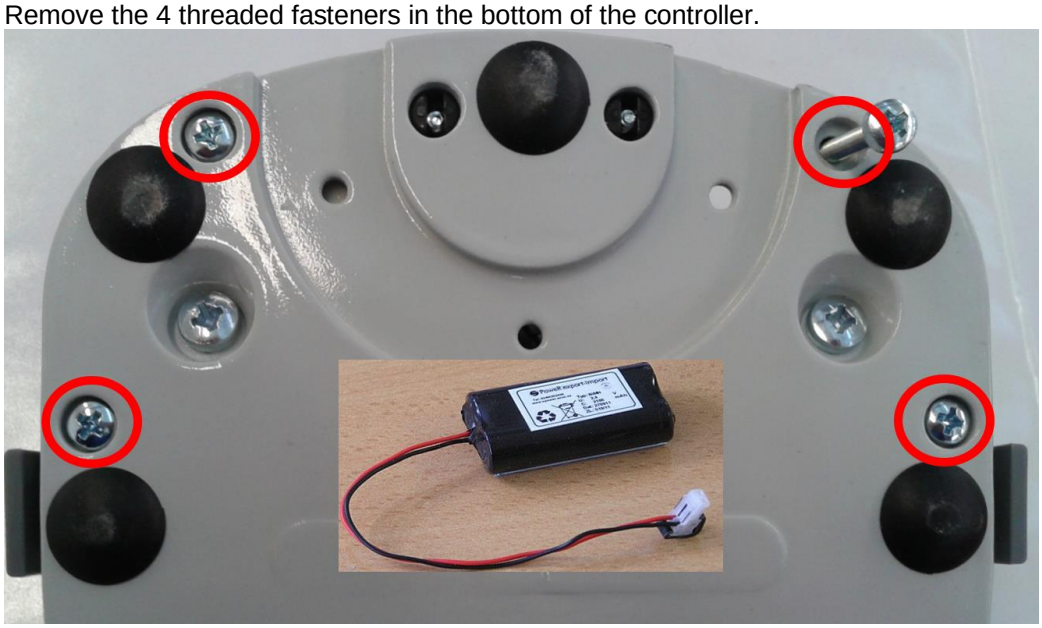
▶SPARE PART FOR NOK: POTENTIOMETER + COG WHEEL - V690.01-70-00



POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	V606.04-00-12	COG WHEEL	PC	1,00
002	ME371255.005	POTENTIOMETER BLUE 25K/N 6mm	PC	1,00

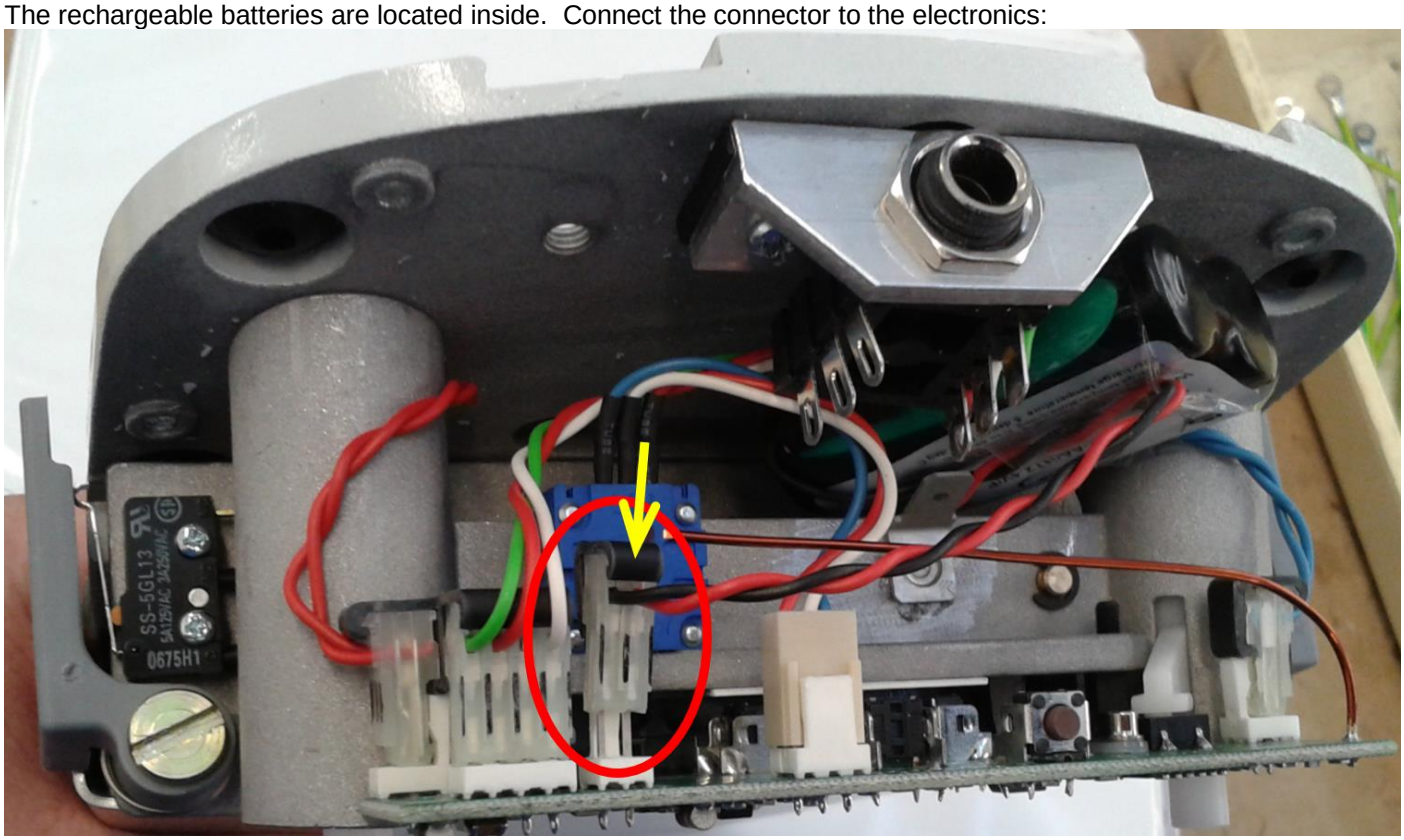
NOK - Battery connection in the foot controller

Remove the 4 threaded fasteners in the bottom of the controller.





The rechargeable batteries are located inside. Connect the connector to the electronics:



K3 – Common components

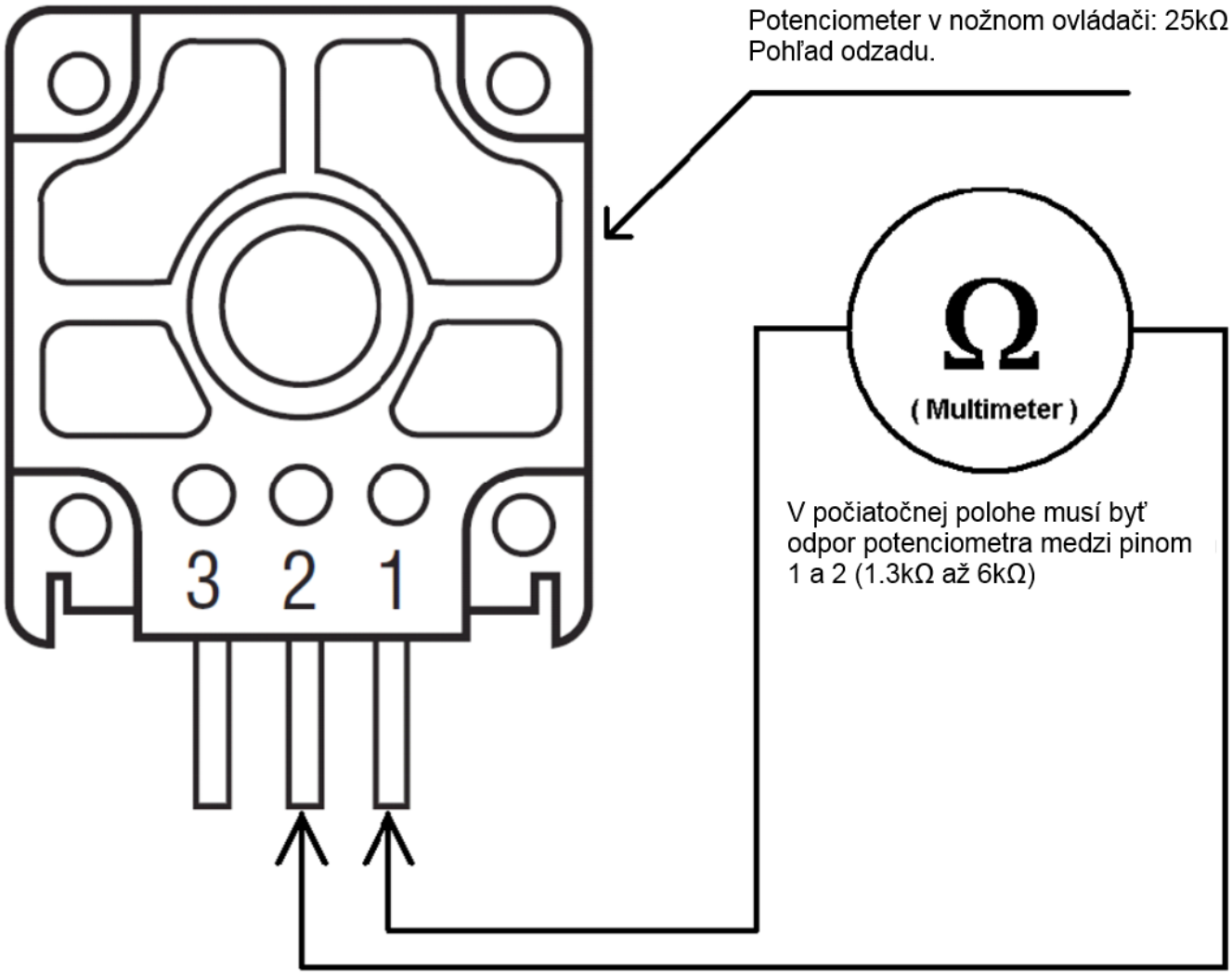
Adjustment of the potentiometer for HARD-WIRED UNO and NOK foot controllers

Procedure:

Set the potentiometer in the foot controller to an idle resistance
between pins 1 and 2 on the potentiometer of: 1.3 kΩ to 6 kΩ. Per the following illustration:

Test:

- Sequentially test all buttons on the foot controller to ensure they result in the desired action.
- Test at least 3 times with every instrument.



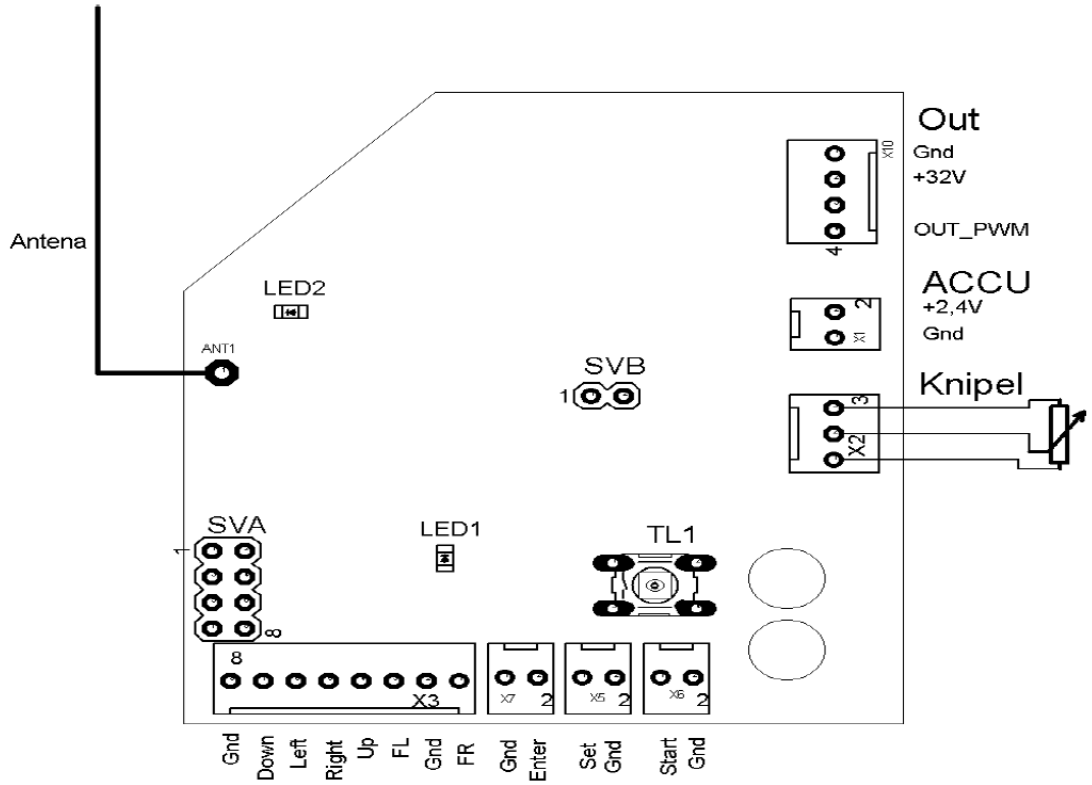
Service instructions for 2015 model UNO and NOK RF foot controllers

TRANSMITTER

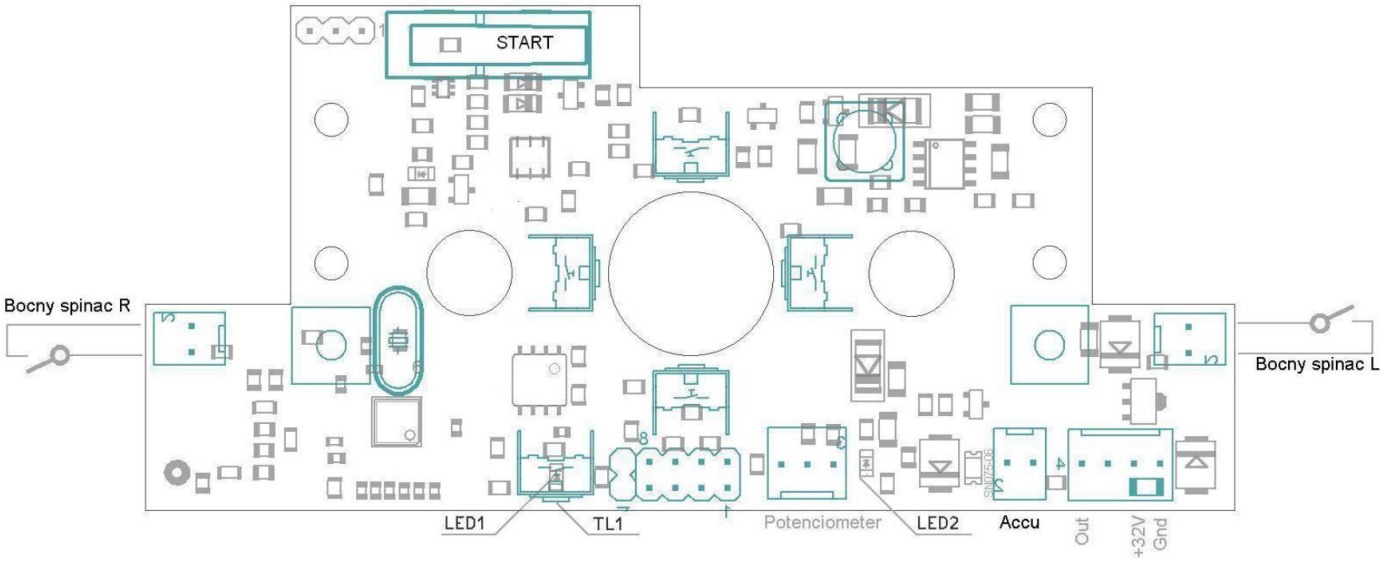
Every transmitter has a unique, non-interchangeable address set by the manufacturer.
The transmitter must be paired with the receiver when a wireless foot controller is installed or replaced.

Connecting switches and connectors:

RF UNO



RF NOK



All buttons and switches are connected as **SWITCHING CONTACTS**. The START switch is activated when the foot controller lever is deflected.

Power:

The RF_UNO foot controller is powered by a paid of NiMH 1.2 V / 1800 0- 2400 mAh batteries.
Battery life is approximately 1 month. Low charge is indicated on the RECEIVER by a flashing red LED indicator. Power is activated by connecting the connecting cable between the power block and the foot controller. Only connect the cable when the assembly is powered off! **The RF _NO is operable when charging** – it operates as a standard hard-wired foot controller. Charging is indicated by LED2, and the charging cycle is approximately 3 hours, stopping automatically once

the batteries are charged. LED2 is used to check charging during service and the user has information on the battery charge on the receiver and the dentist's display.
Manually insert the connector into the foot controller when charging the batteries using the adapter and then connect the adapter to the mains. Reversing the procedure could result in a short-circuit at the adapter's outlet and cause damage.
Once charging is complete, first disconnect the adapter from the mains and then remove the connector from the foot controller.
The foot controller contains on-board diagnostics of hardware components performed when the batteries are connected. LED1 flashes is there is a fault in the transmitter section and the foot controller does not transmit, but will operate correctly using the hard-wired cable connection (PWM).

Setting the MIN and MAX positions on the pedal:
Holding down the TL1 switch on the DPS for more than 4 seconds puts the foot controller into configuration mode, as indicated by the yellow LED1 being activated. Move the potentiometer through the full range of motion several times while holding down the TL1 switch, moving the pedal lever from the min-max to the stop and back. The pedal itself will sense the min. and max. position. The positions are then stored once the TL1 button is released, and LED1 will then turn off.

RECEIVER
The receiver contains a two-colour LED to indicate the following statuses:

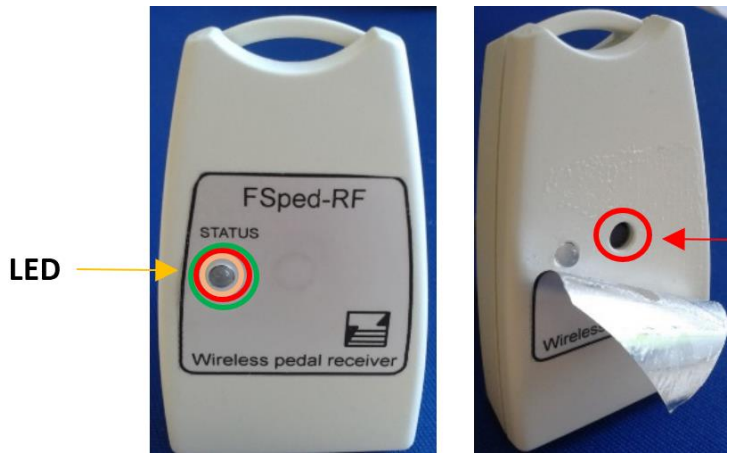
1.1 Green LED on - receiver is paired with the transmitter.
1.2 Green LED flashing - new command received from a change on the foot controller.
1.3 Red LED on - receiver not yet paired with any transmitter.
1.4 Red LED flashing - foot controller battery charge is low.

An orange light indicates a state where both the green and the red LED are on.
If a transmitter error occurs during operation, the signal is lost and the receiver does not receive a new or confirming signal within 2 seconds, the receiver automatically sends a signal to the to the chair unit as if the pedal was in the null position.

PAIRING THE RECEIVER AND TRANSMITTER
Pairing is required during the initial installation of every new wireless foot controller.
During this operation, the receiver looks for the address used by the transmitter and configures itself to only receive data from this address. The address that is found is then written to memory, even if voltage is lost. During paring, the foot controller should not be connected to the unit using a cable and the receiver must be connected to the dental unit.

Activation of the pairing operation on the transmitter (foot controller):
To start the operation, activate the lever on the foot controller + select the chair down command on the arrow controls + press the button for the seated position simultaneously. Once this combination is selected, the foot controller switches into pairing mode and there is no need to maintain the selected triple combination of control elements. No function of the foot controller or battery charging should be performed during the pairing operation.

Activation of the pairing operation on the receiver:
To activate this operation, hold down the button on the receiver (in the opening in the front next to the LED under the sticker) for more than 3 seconds, until the LED turns off, and it can then be released. The receiver then goes into transmitter search mode, which is indicated by the flashing red and green LED. This may take up to 40 seconds and it depends on the transmitter's address. The result of the operation is indicated by the green LED if the transmitter's address is found and saved to memory in the receiver, or the red LED, if the transmitter's address is not found.
The receiver automatically switches back into normal mode.
This mode must be cancelled on the transmitter (foot controller) by pressing the buttons to the seated position and the memory function.



This mode on the transmitter must be terminated immediately once the operation on the receiver is complete.

Transmitter battery usage is elevated during this operation.

Service instructions for 2018 model DIPLOMAT UNO and NOK RF foot controllers

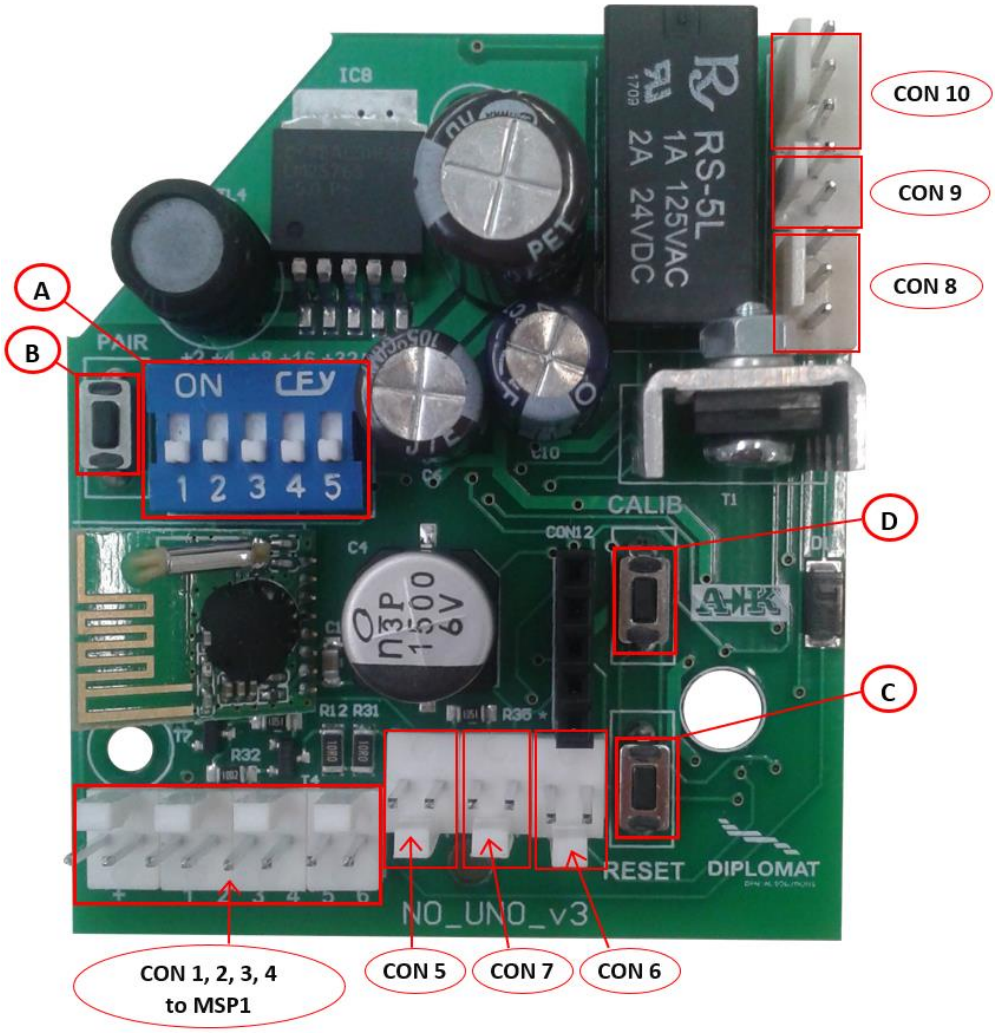
1 Description of the DIPLOMAT UNO, NOK RF foot controller

The foot controller operates at a frequency of 2400-2464 MHz, which is adjustable by selecting one of the 32 channels on the
transmitter side and the receiver side.

2 Transmitter

The transmitter is located inside the foot controller.
It contains buttons, switches and connectors for connecting to other controller components and a set of other configuration elements:

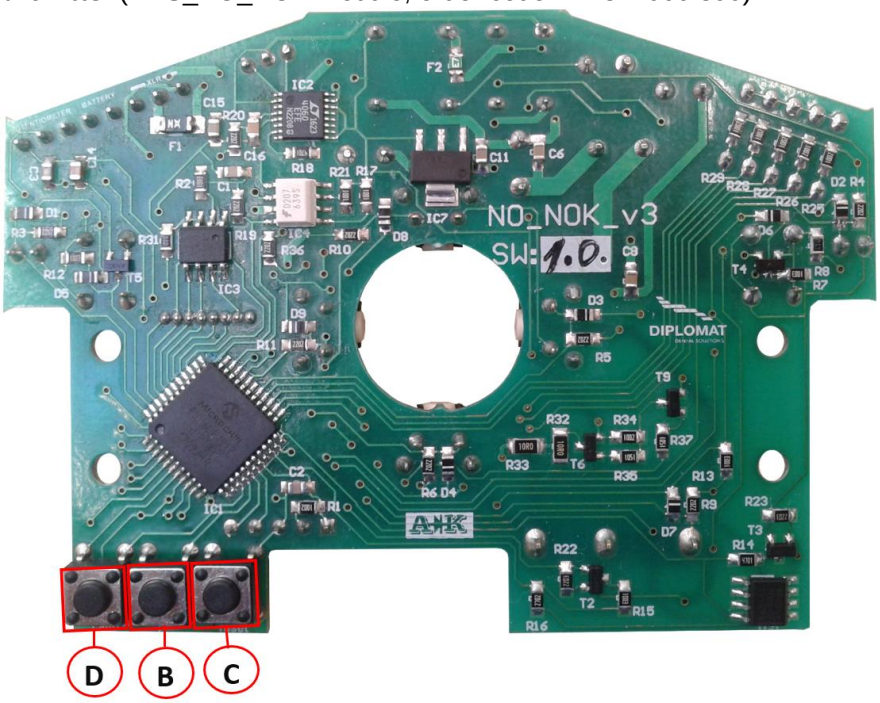
2.1 UNO foot controller transmitter (DPS_NO_UNO module, order code: ME374000.389)



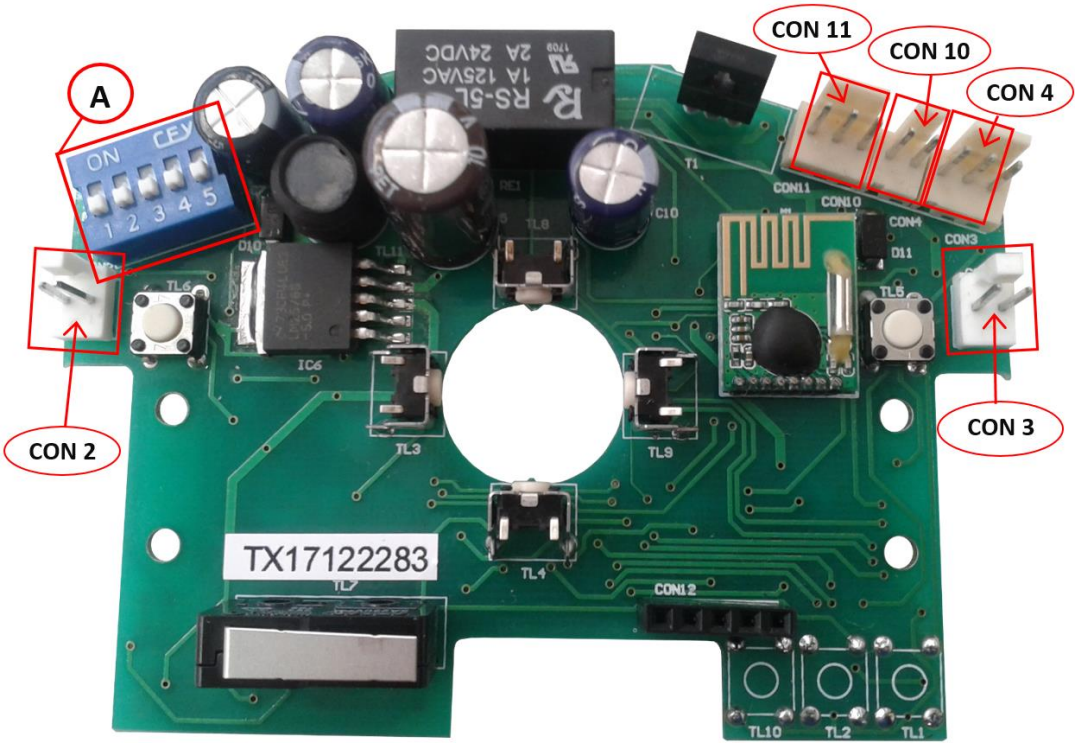
Description of the buttons and switches on the DPS_NO_UNO transmitter module		
A	CHANNEL	The channel switch (selector) is composed of a 5-way switch labelled CHANNEL It is used to select the appropriate broadcasting frequency for the transmitter
B	PAIR	The PAIR button is used to pair the transmitter to the receiver.
C	RESET	The RESET button is used to initialise the equipment when settings change or if the controller is not operating properly.
D	CALIB	The CALIB button is used to calibrate the foot controller's potentiometer.

Description of connectors on the DPS_NO_UNO transmitter module	
CON1+CON2+CON3+CON4	connections to the MSP1 board (ME389181.064)
CON5	left button input
CON6	controller lever switch input
CON7	right button input
CON8	controller rotation potentiometer connection
CON9	battery power input (2x1.2 V NiMH)
CON10	external power input (8 - 38 V)

2.2 NOK foot controller transmitter (DPS_NO_NOK module, order code: ME374000.390)



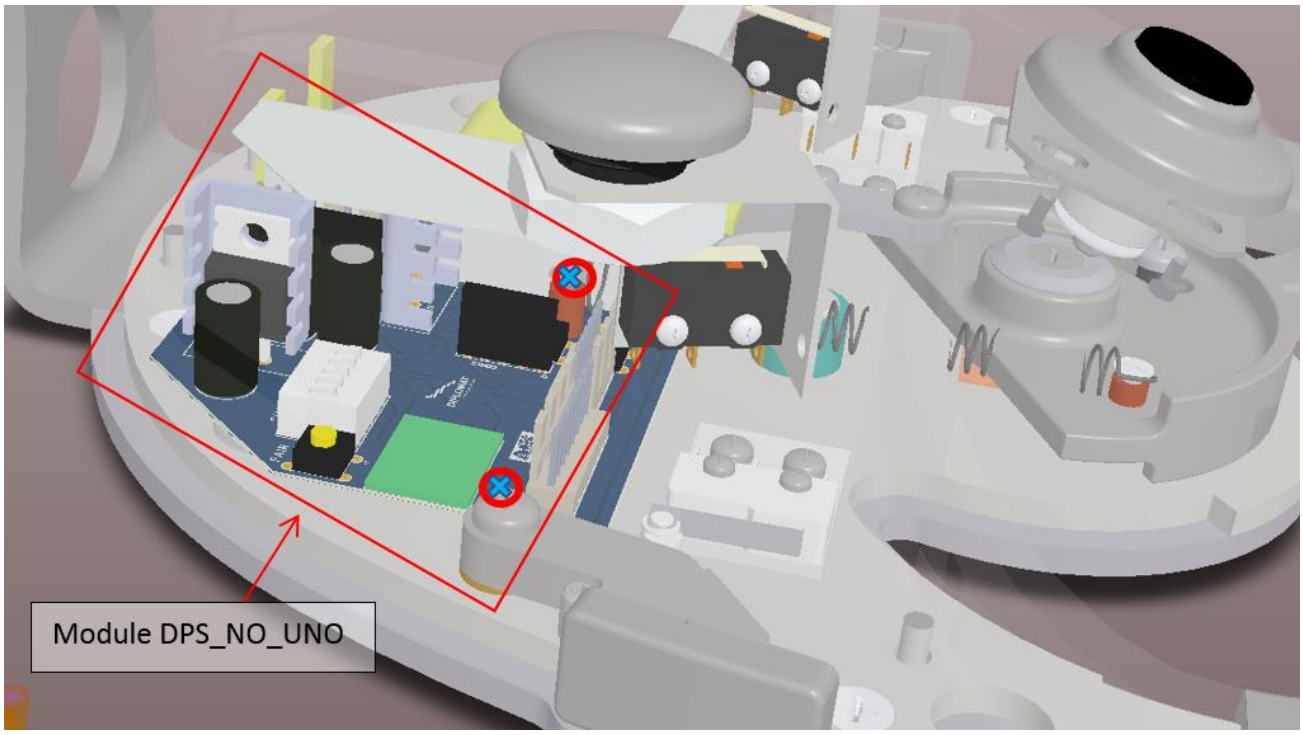
Description of the buttons and switches on the top of the DPS_NO_NOK transmitter module		
B	PAIR	The PAIR button is used to pair the transmitter to the receiver.
C	RESET	The RESET button is used to initialise the equipment when settings change or if the controller is not operating properly.
D	CALIB	The CALIB button is used to calibrate the foot controller's potentiometer.



Description of the buttons and switches on the bottom of the DPS_NO_NOK transmitter module	
A	the channel switch (selector) is composed of a 5-way switch labelled CHANNEL it is used to select the appropriate broadcasting frequency for the transmitter
CON3	left button input
CON2	right button input
CON4	controller rotation potentiometer connection
CON10	battery power input (2x1.2 V NiMH)
CON11	external power input (8 - 38 V)

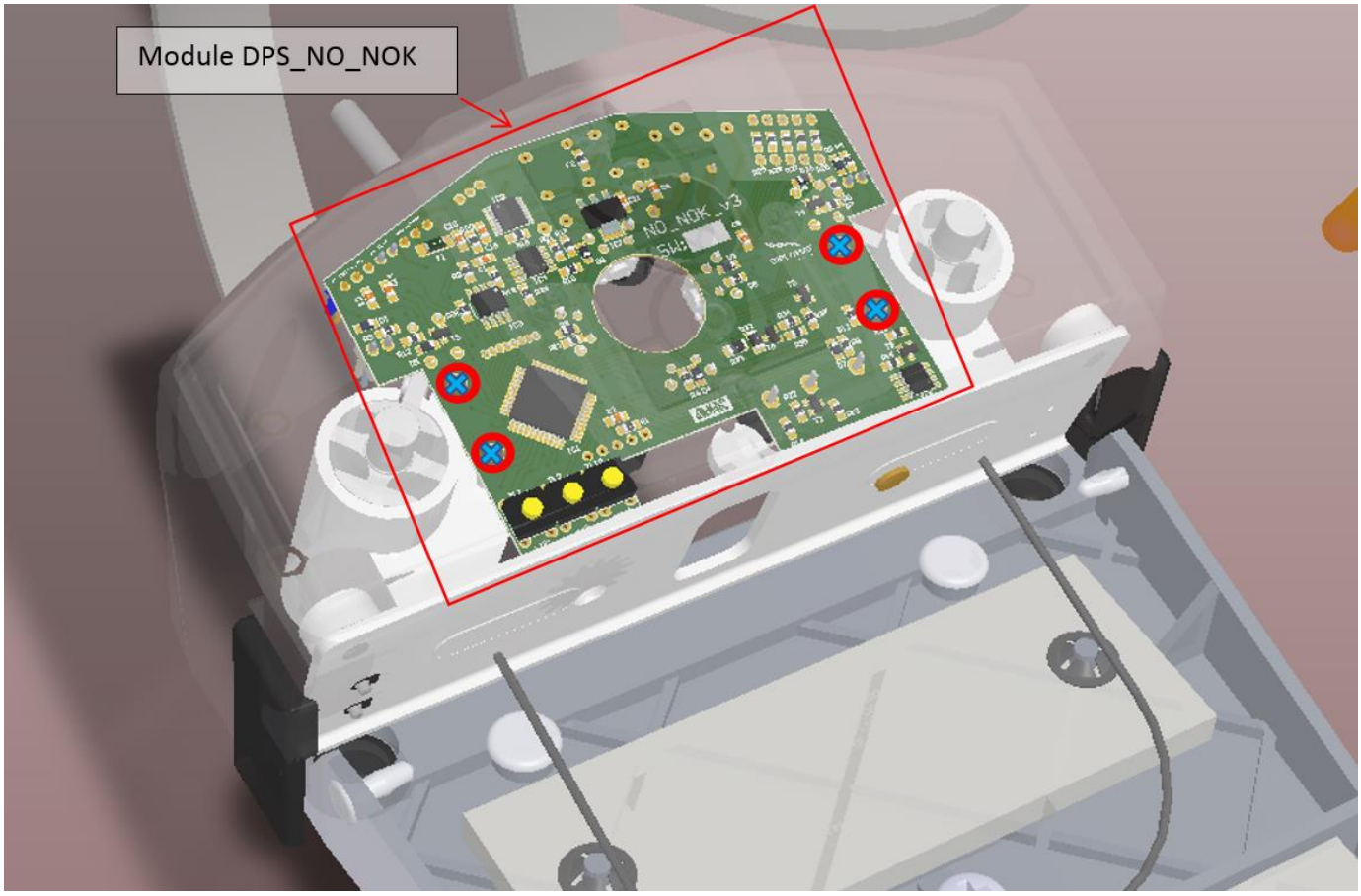
Location of the DPS_NO_UNO module in the controller

The DPS_NO_UNO module is mounted in the controller using 2 installation openings with plastic spacer posts.
The spacer post near the RESET button is extended and the and opening is continuous, with the return spring from the controller lever mounted on it.
Once the module is installed, connect the connectors per the connection schematic (connection polarity per the connection schematic must be followed), which completes module installation.

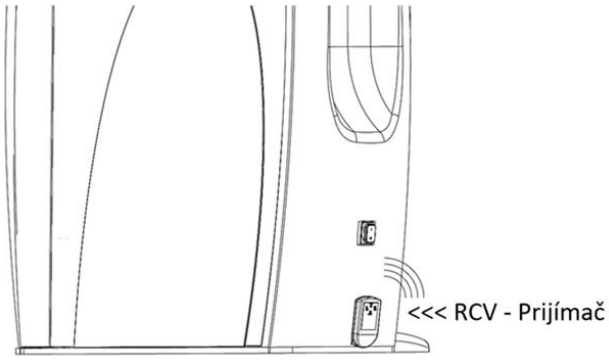


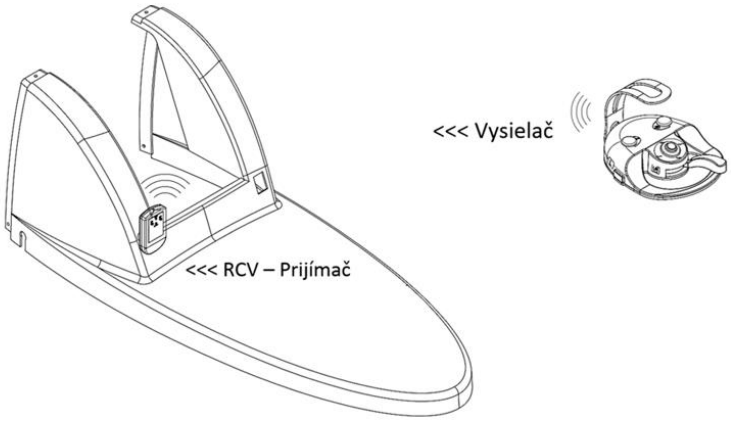
Location of the DPS_NO_NOK module in the controller

The DPS_NO_NOK module is mounted in the controller using 4 installation openings with plastic spacer posts.
Once the module is installed, connect the connectors per the connection schematic (connection polarity per the connection schematic must be followed), which completes module installation.



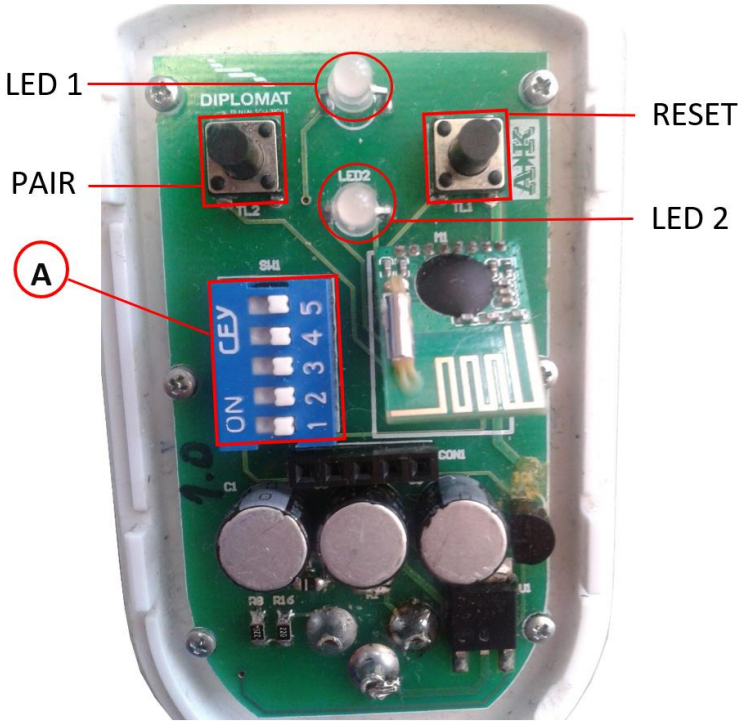
3 Receiver (Lux receiver module, order code: ME374000.388)
The receiver is connected to the XLR connector located on the dental unit or to the dental chair itself.





Description of receiver controls





Description of receiver controls	
A	the channel switch (selector) is composed of a 5-way switch labelled CHANNEL it is used to select the appropriate broadcasting frequency for the transmitter
LED 1 **(ON/RCV)**	indicates that power is connected and the detection of commands broadcast from the transmitter
LED 2 **(BATTERY)**	indicates the transmitter's battery charge status
PAIR	used to pair the transmitter to the receiver
RESET	initialises the equipment when settings change or if the foot controller is not operating properly.

Potential battery charge statuses (LED2):

LED2	Description	Current battery charge status
Green	battery is fully charged	100 ÷ 75%
Orange	battery is partially discharged	75 ÷ 50%
Red	battery is low	50 ÷ 25%
Flashing red	battery needs to be charged	< 25%

Foot controller battery charging procedure:

1. Remove the receiver from the terminal.
2. Connect the battery charging cable connector for the foot controller battery to the terminal instead of the signal receiver.
3. Connect the other end of the cable to the terminal on the rear side of the foot controller.
4. Charging is indicated by the lightning bolt symbol on the battery charge status indicator ... on the dentist's table display.
5. The battery is fully charged when the lightning bolt symbol disappears from the battery charge status indicator.
6. Remove the power cable from both terminals.
7. Connect the receiver to the terminal.

Warning

- Do not leave the battery unsupervised when charging for safety reasons.
- If you are planning to use a wireless foot controller connected with a cable, we recommend disconnecting the battery in the foot controller.
- Disconnect the battery and contact service if charging takes 8 or more hours and the lightning symbol does not indicate a charged battery.

Loss of signal

If a transmitter error occurs during operation, the signal is lost and the receiver does not receive a new or confirming signal, the receiver automatically sends a signal to the to the chair unit as if the pedal was in the null position, meaning the operation of the instrument currently in use is stopped.

Pairing the receiver and transmitter

Every transmitter has a unique and non-interchangeable address. A transmitter is paired with a receiver from the factory. If the transmitter is not paired with a receiver (meaning LED1 does not flash as a result of a command from the foot controller), or a new foot controller or receiver is installed, the foot controller must be paired with the receiver. (Configuration should be performed by a service technician per the service manual).

4. Commissioning

A set of specific activities must be performed after proper installation to ensure the proper and reliable operation and functionality of the equipment:

a) Setting the correct and identical frequency on the transmitter and receiver.

Once selected, both devices must be reset using the correct button or by disconnecting them from the dental unit or battery power. The frequency channel setting is not critical. In most cases, the frequency set by the manufacturer is sufficient. Try selecting a different combination if there the receiver malfunctions**.** The key that is set must match on the receiver and the transmitter. Communication will fail otherwise! The frequency is selectable in 32 steps, with each step representing a frequency change of 2 MHz.

b) Battery connection to the transmitter

2 AA NiMH cells must be connected to the specified terminals with the correct polarity (see the installation manual)

c) Connect the receiver to the XLR connector (LED1 must light up green).

d) Pair the devices following the instructions in the PAIRING chapter.

e) Calibration of the transmitter potentiometer

when pressing the CALIB button, move the controller's lever between both limit positions, which automatically sets the limit positions into the device's memory. Calibration is completed by releasing the CALIB button.

Verify the correct operation of the device (functionality, range, etc.). If range is an issue, try changing the working frequency channel. Simply select a different binary combination on the transmitter and receiver and then manually reset the devices. Pairing is not required.

5. Pairing



Pairing may only be completed if the same frequency is set on the transmitter and the receiver.

Every transmitter contains a unique hardware address. The addresses must be the same to permit communication with the receiver. This is secured by the pairing process.

Procedure:

- Press the PAIR button on the receiver.
- The receiver switches to pairing mode, which is indicated by LED1 flashing red
- Press the PAIR button on the transmitter
- The pairing process is complete when LED1 on the receiver stops flashing red and is on and green
- Once pairing is complete, reset the receiver using the corresponding button or briefly disconnecting the receiver from the dental unit
- Check the foot controller for proper operation

Note: Pressing the PAIR button on the receiver during pairing mode terminates the pairing process.

6. Troubleshooting potential faults

Malfunction	Possible causes	Solution
Receiver not working - LED1 off	No power to receiver	Check to ensure the dental unit is on
		Check for proper receiver connection to the dental unit
	Receiver is defective	Connect the foot controller to the chair unit using the cable and contact an authorised service provider
Receiver works – LED1 is on, but the receiver does not receive commands from the controller	Incorrect pairing	Perform pairing following the provided procedure.
	Foot controller battery completely discharged	Check the battery status indicator on the dentist's table display and check the battery charge
		Charge the foot controller battery
	The receiver or transmitter is defective	Contact an authorised service provider
	Transmission impediments	Ensure there is a direct line of sight between the receiver and the transmitter
Instrument operation and output does not match maximum deflection of the pedal	Loose / damaged potentiometer	Turn off the dental unit and contact an authorised service provider
	Calibrate the defective potentiometer	Calibrate the potentiometer
Instrument continues to turn when pedal is in the idle position	Loose start switch	Turn off the dental unit and contact an authorised service provider
The pedal does not automatically return to its idle position	Slipped / cracked pedal spring	Turn off the dental unit and contact an authorised service provider

Button to control movement of the chair is depressed	Damaged button foam spring	Turn off the dental unit and contact an authorised service provider

7. Potentiometer calibration (Setting the MIN and MAX positions on the lever/pedal)

Warning

- Do not perform calibration if the foot controller is connected via a cable. - **Ensure the battery in the controller is connected before performing calibration.**
- Begin calibration with the foot controller in its idle position. - Before performing configuration, **no button may be activated and the lever/pedal must not be deflected.**

Potentiometer calibration procedure:

- Remove the cover from the foot controller
- Press the CALIB button (labelled as D) and hold down
- Move the lever from the minimum position to the maximum and back
- Release button D

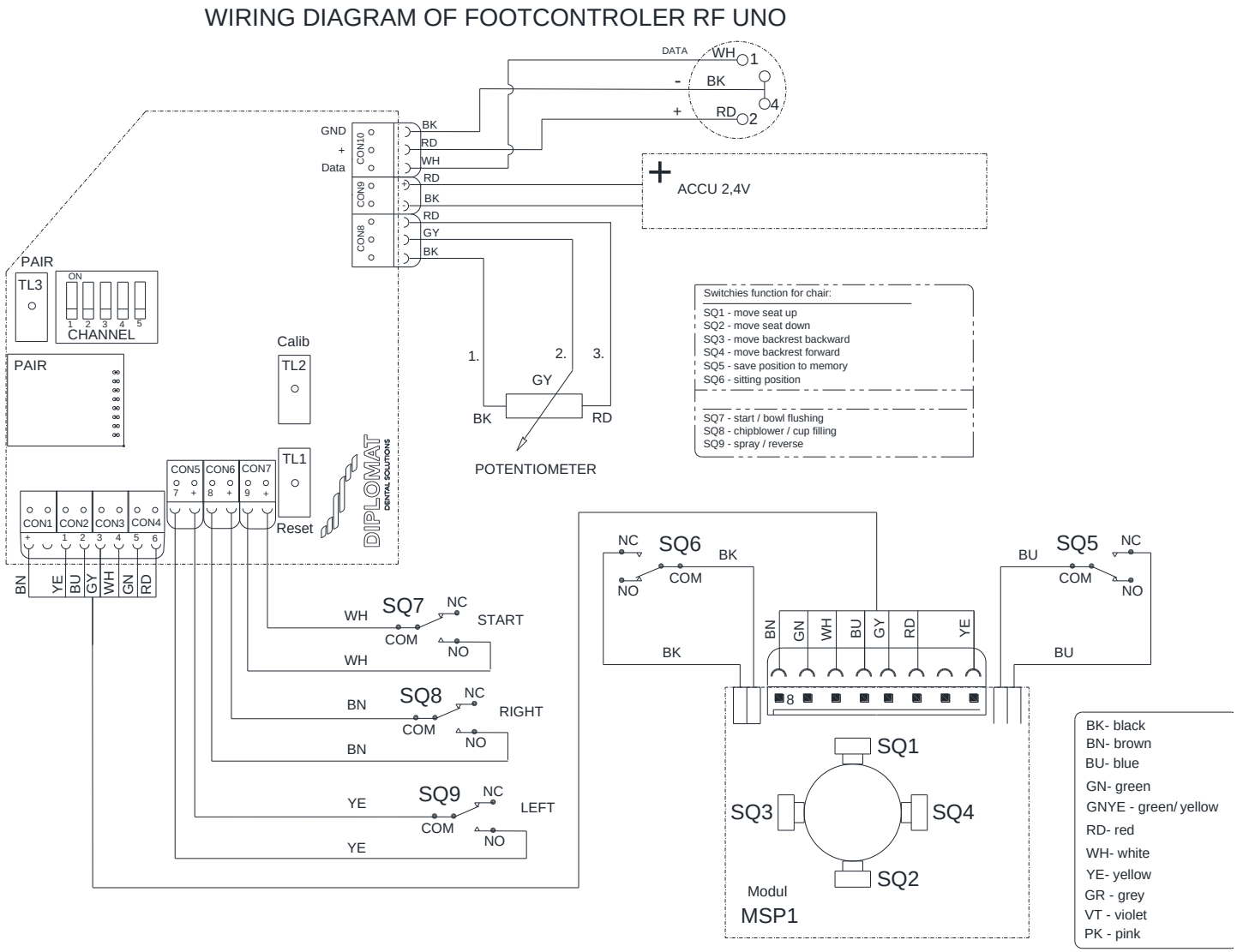
8. Technical data

Transmitter	
Voltage – via cable – battery	 10-36 VDC (nominally 24 VDC) 2.4 V DC 2 x AA NiMH 1200 mAh (GP Recyko + or Sanyo Eneloop)
Frequency	2400-2464 MHz
Battery life	2 months
Transmitter range	Min. 2 metres
Transmission power	-18 dBm, up to 4 dBm depending on SW settings
Modulation type	GFSK

Receiver	
Voltage	24 VDC
Frequency	2400-2464 MHz

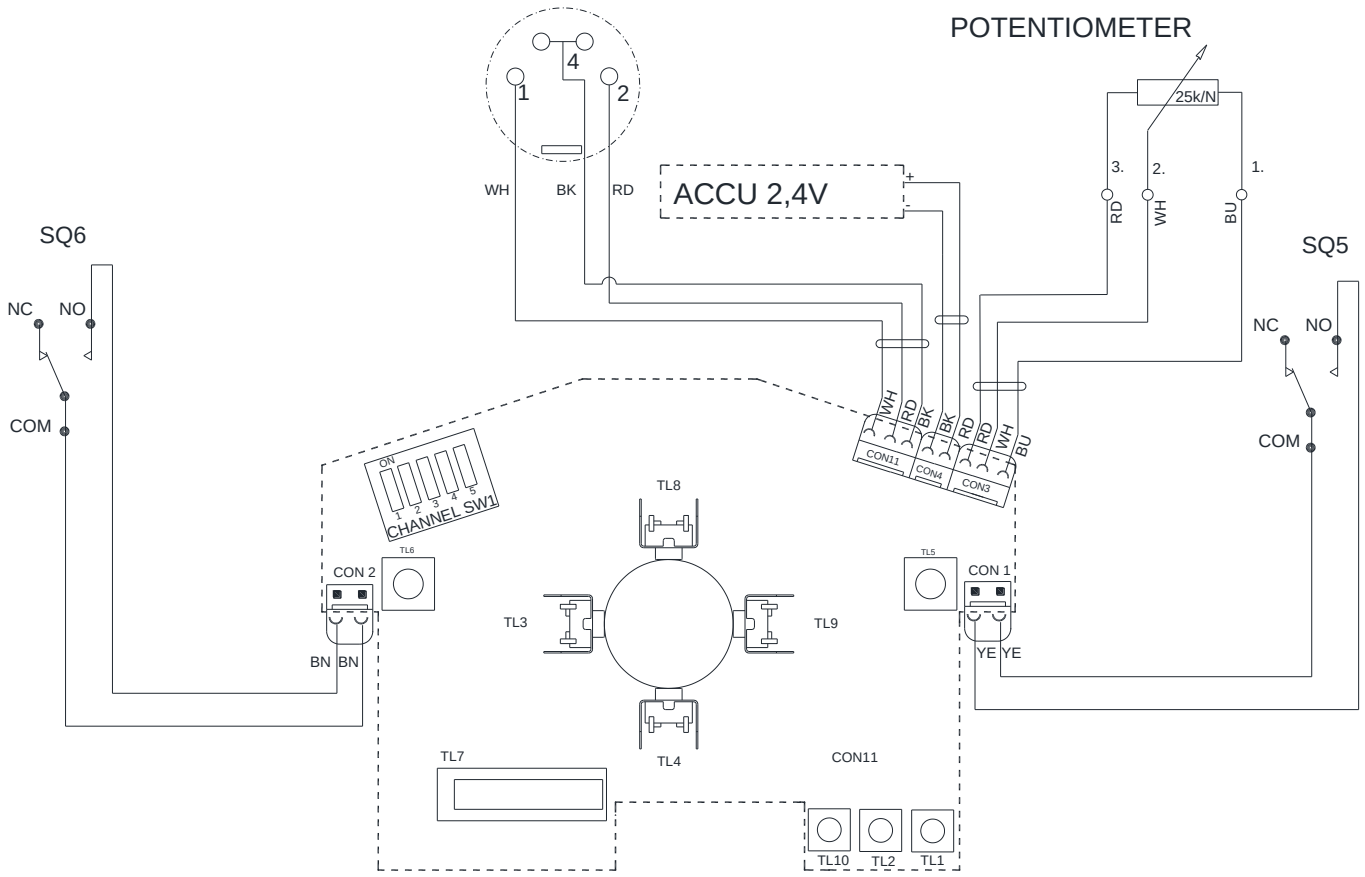
9 Transmitter connection schematics

DPS_NO_UNO



DPS_NO_NOK

WIRING DIAGRAM OF FOOTCONTROLER RF NOK



Order codes for selected items:

Order code	Item name
ME374000.389	transmitter - DPS_NO_UNO module
ME374000.390	transmitter - DPS_NO_NOK module
ME389181.064	MSP1 module
ME374000.409	connecting wire, UNO, NOK RF
ME374000.388	receiver

L – CHAIR

The chair is composed of the following:

► BASIC FEATURES

- basic chair, DA370, DA380
- basic chair, DA270, DA280

► OPTIONAL FEATURES

- backrest
  - standard backrest frame
  - wide backrest frame
- headrest
  - fixed headrest
  - tilting headrest (3D ball joint)
- right folding armrest
- PVC protection foil under legs

► UPHOLSTERED AND STITCHED PARTS

- Backrest
  - Front section
  - Rear section
- Headrest
  - Front section
  - Rear section
- Seat
  - standard seat (narrow)
  - wide seat
- Armrest
  - Left
  - Right
- children's booster
- protective booster
  - protective booster for standard seat
  - protective booster for wide seat

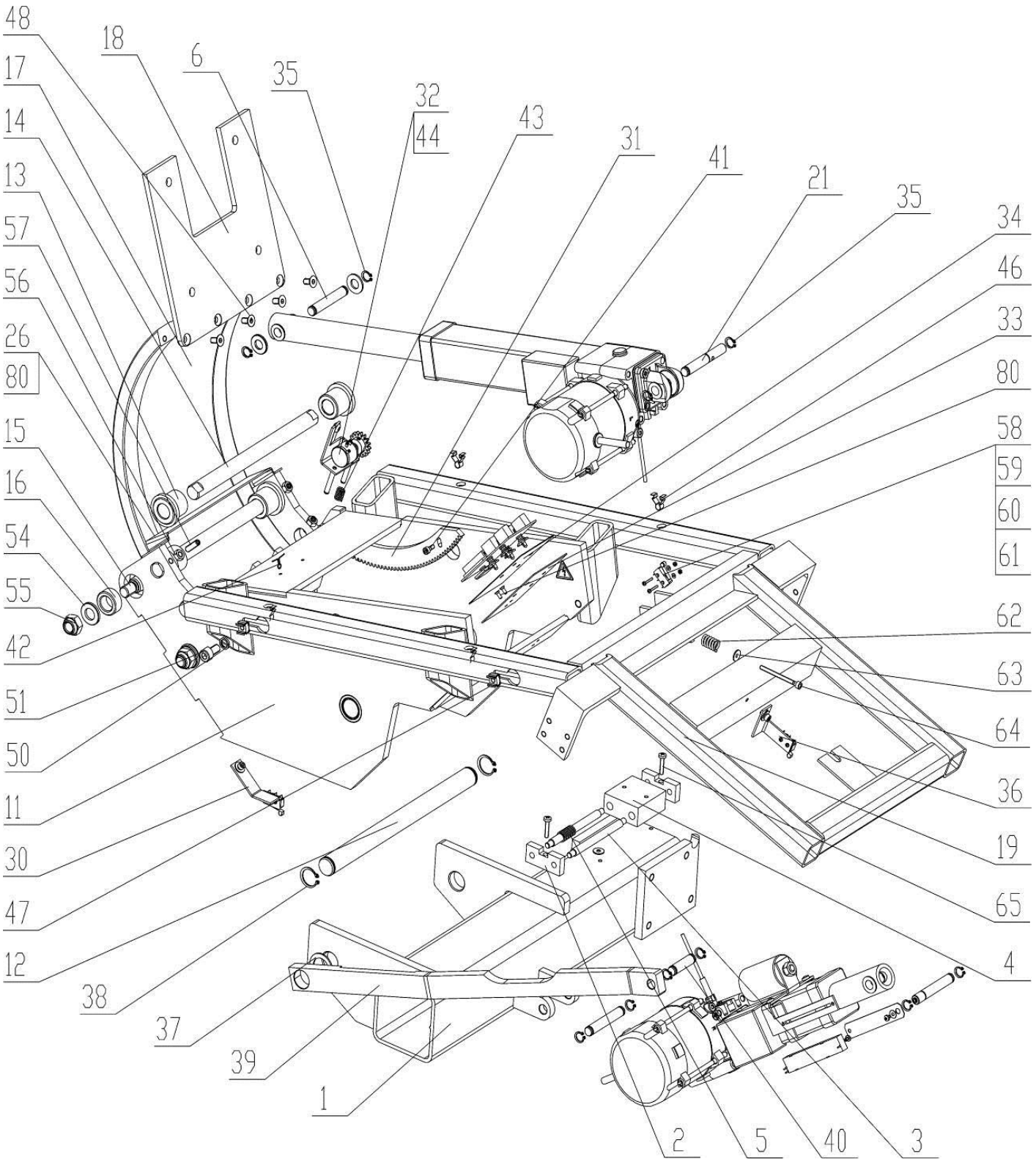
see the details below >>

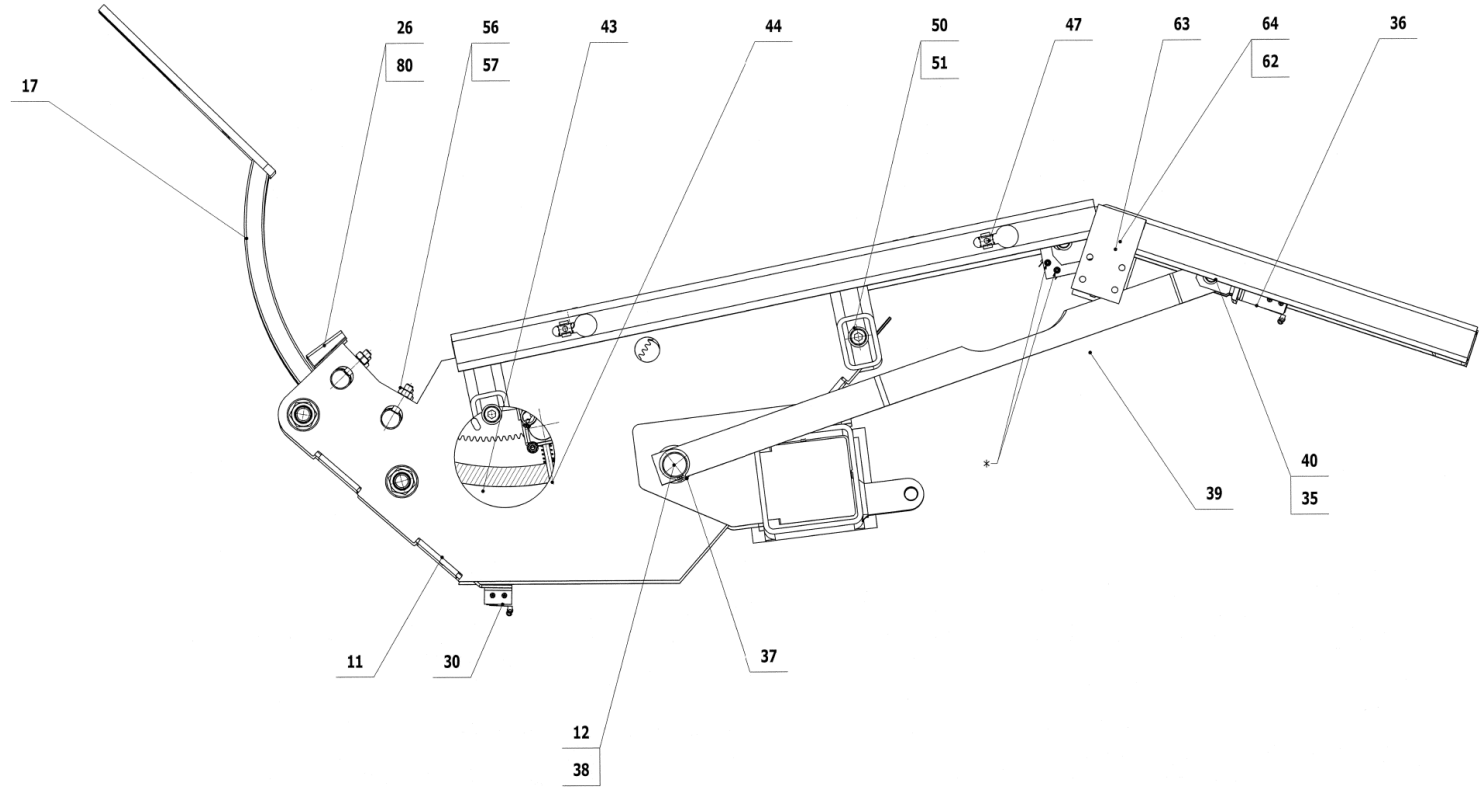
Please specify a colour option for upholstered options based on the available range of colour samples.
See http://www.diplomat-dental.com/colors/

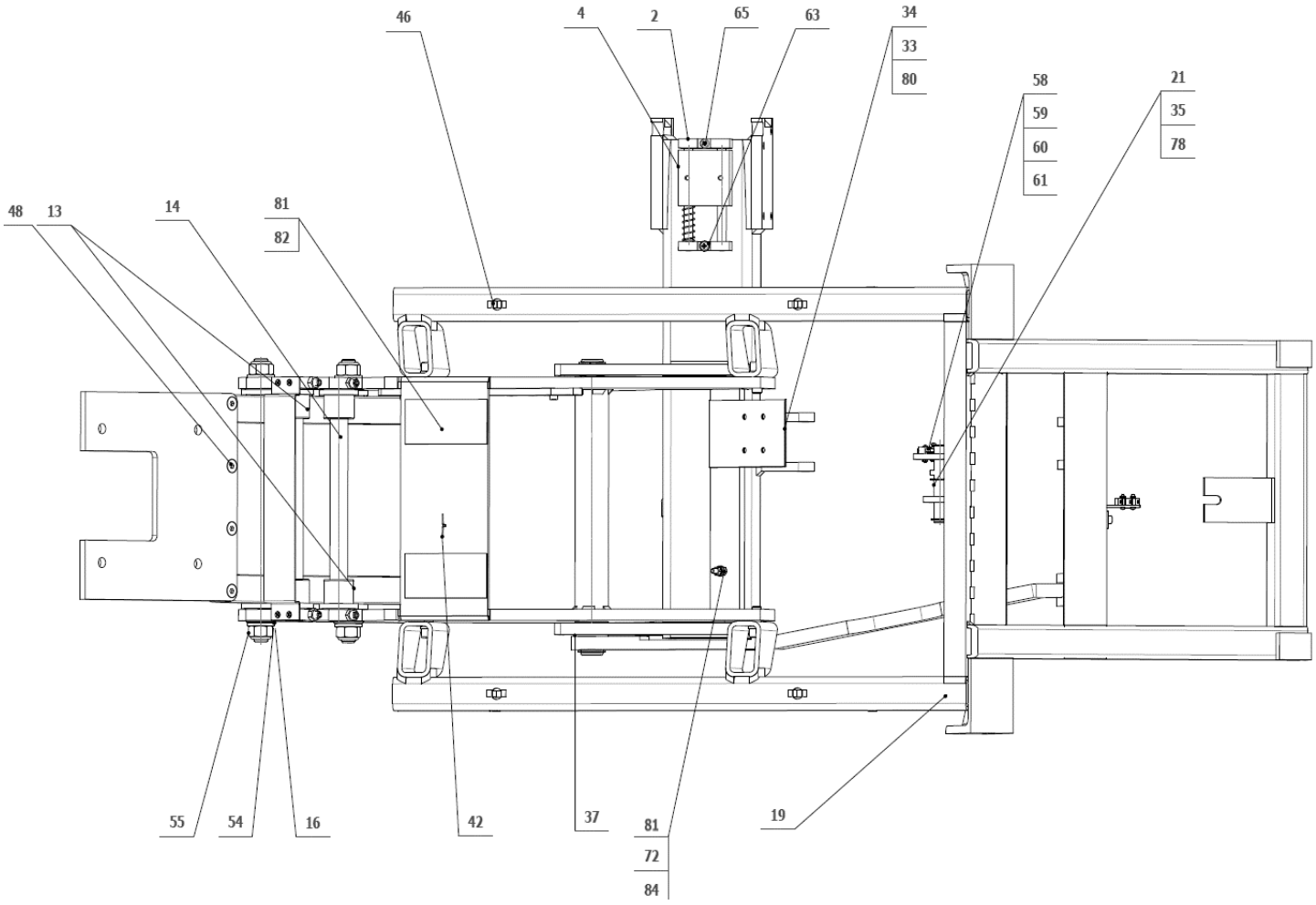
L1 - Basic configuration

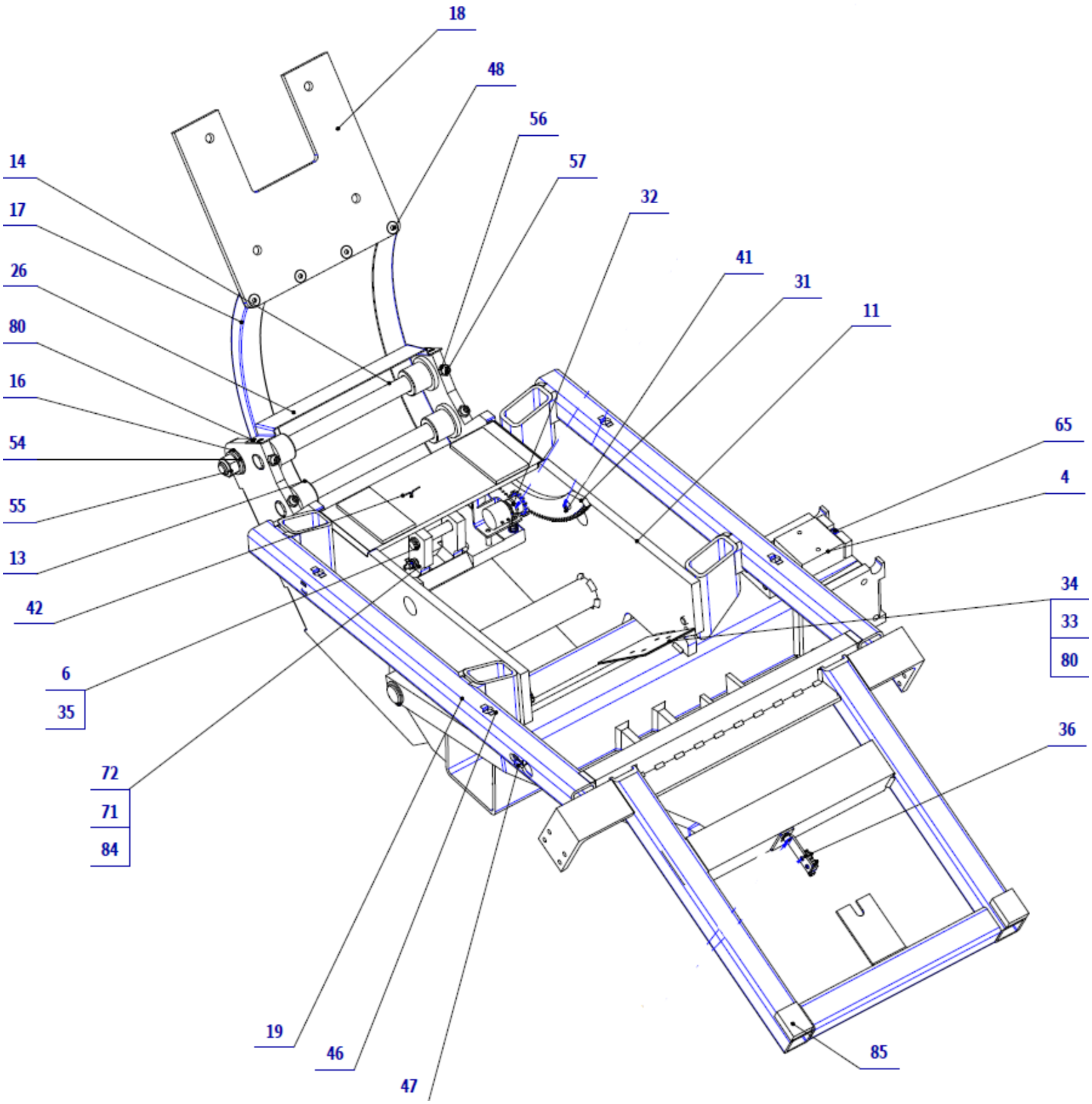
L1.1 Chair for DA370, DA380

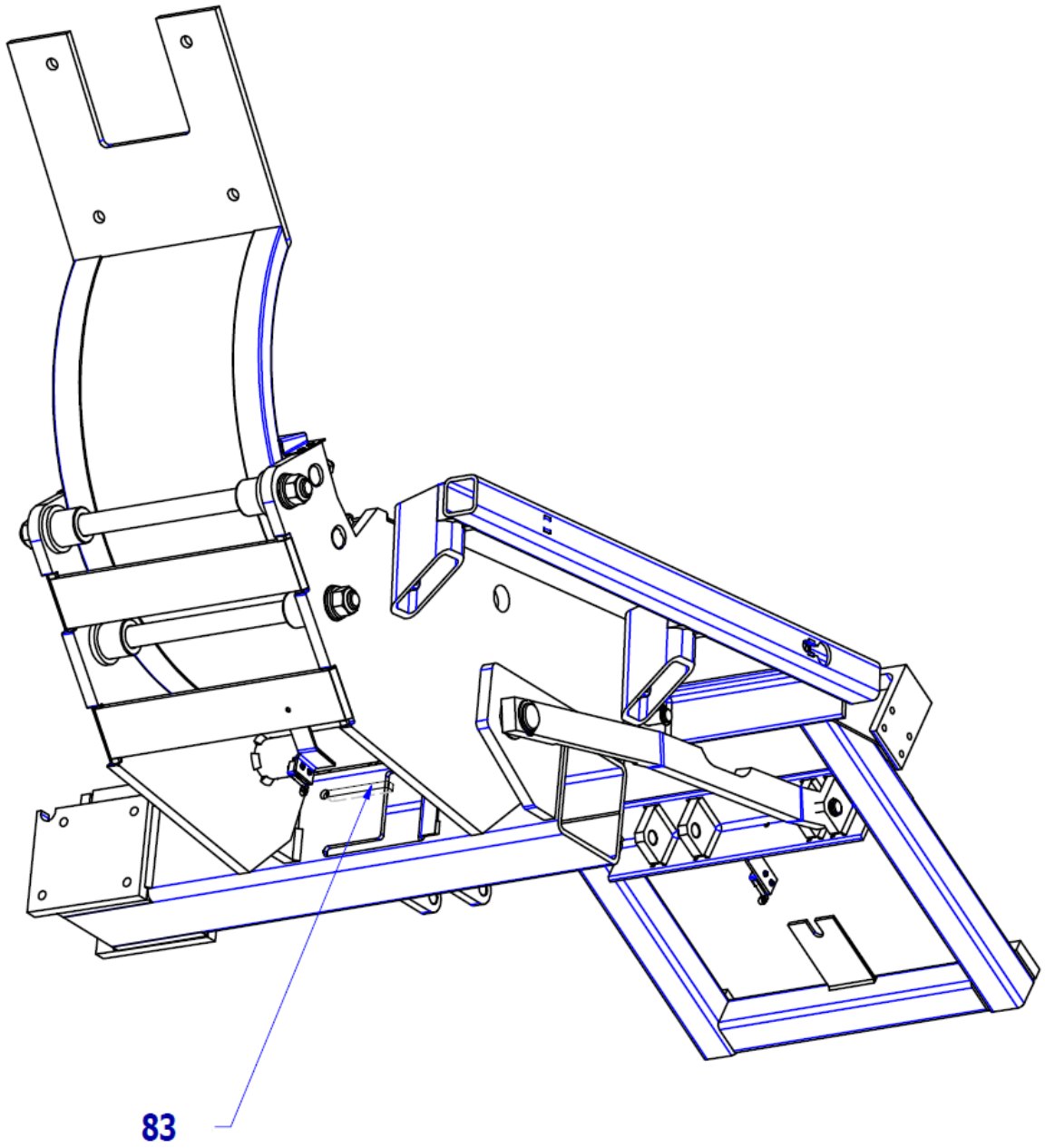
►DA370, DA380 CHAIR BASE - V511.01-00-00.2




17
26
80
56
57
43
44
50
51
47
63
64
62
36
40
35
39
11
30
37
12
38


46
4
2
65
63
34
33
80
58
59
60
61
21
35
78
48
13
14
81
82
55
54
16
42
37
81
72
84
19


18
48
56
57
32
41
31
11
14
17
26
80
16
54
55
13
42
6
35
72
71
84
65
4
34
33
80
36
19
46
47
85

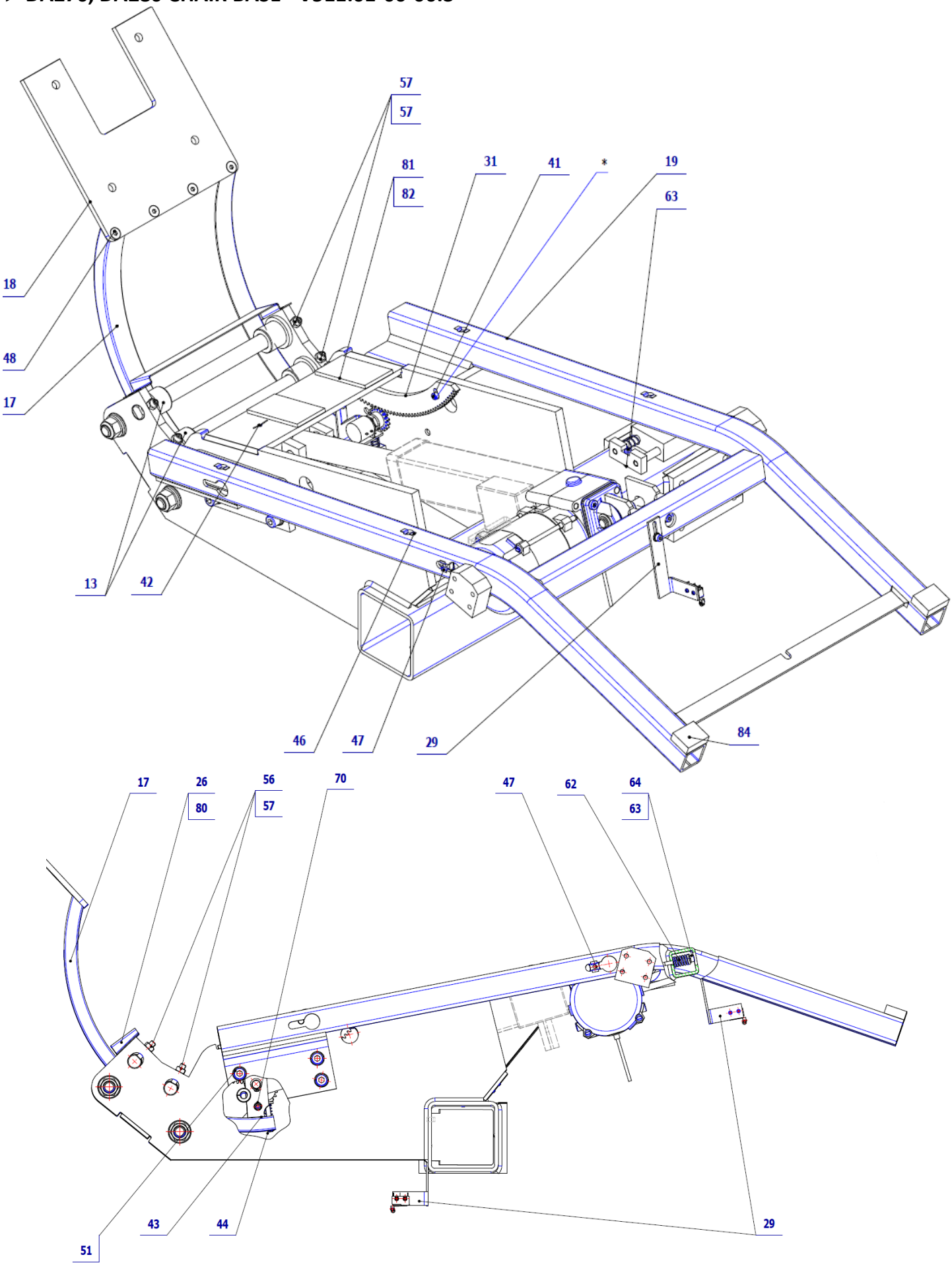


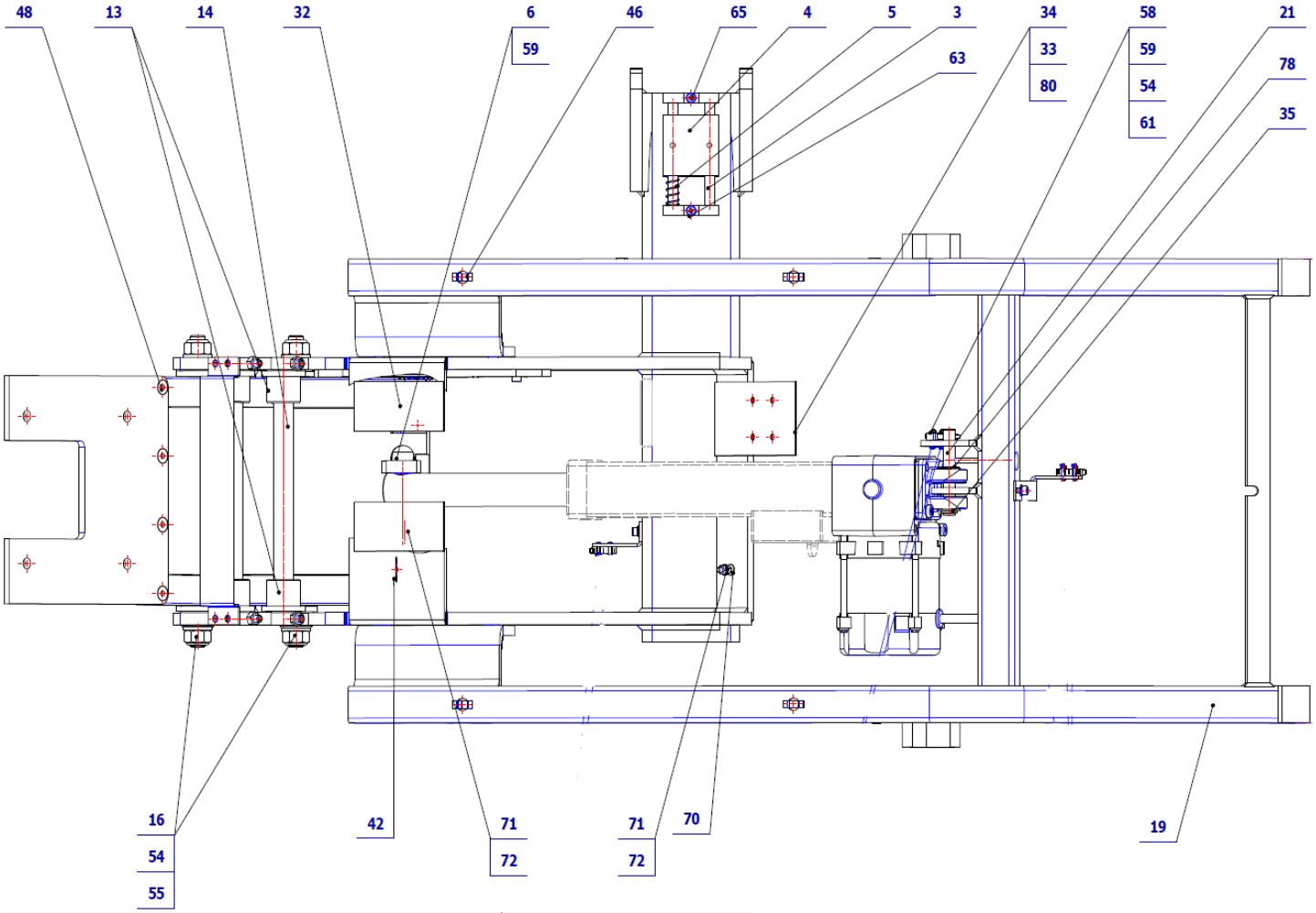
Pos.	Item no.	Product name	Unit	Quantity
001	V624.60-19-00.S	CHAIR ARM / WHT1	PC	1.00
002	V624.60-00-30	GUIDE PLATE	PC	2.00
003	V624.60-00-31	GUIDE ROD COVER	PC	2.00
004	V624.60-00-32	COVER SLIDE	PC	1.00
005	ME315170.064	COMPRESSION SPRING, TL1000x110x0420	PC	1.00
006	V511.01-00-06	STUD, PJ 2	PC	1.00
011	V511.01-11-00.2	ENCLOSURE / WHT1	PC	1.00
012	V511.01-00-12.1	TILTING STUD	PC	1.00
013	V511.01-00-13	ROLLER	PC	8.00
014	V511.01-00-14	PUSH STUD	PC	2.00
015	V511.01-00-15	FIXED STUD	PC	2.00
016	V511.01-00-16	PUSH RING	PC	2.00
017	V511.01-17-00	SEGMENT, COMPLETE / WHT1	PC	1.00
018	V511.01-00-18.S	SEGMENT PLATE / WHT1	PC	1.00
019	V511.01-19-00.2	SEAT FRAME / WHT1	PC	1.00
021	V511.01-00-21.2	UPPER STUD	PC	1.00

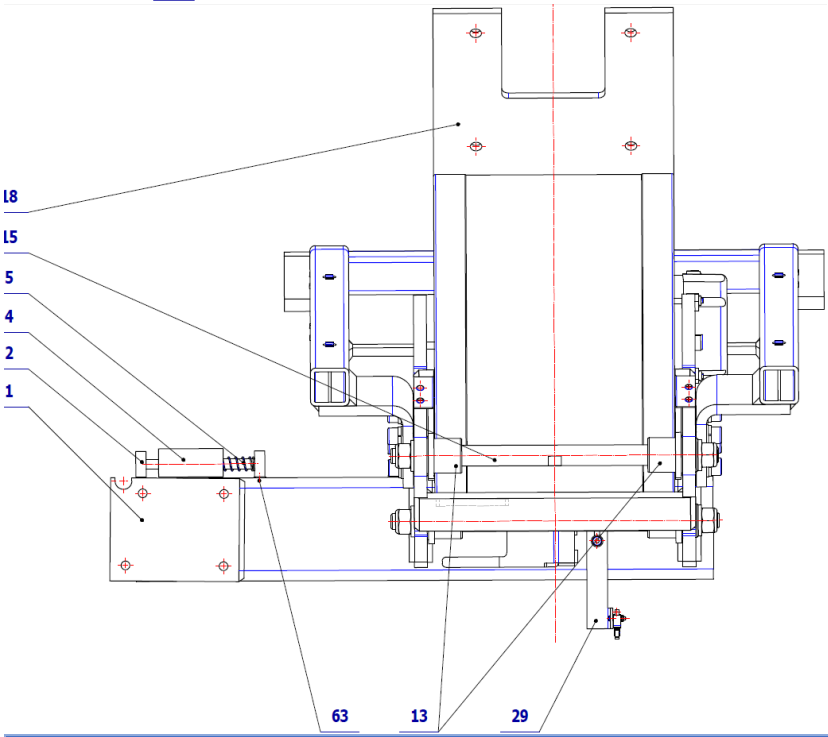
026	V511.01-00-26.3	ENCLOSURE COVER / WHT1	PC	1.00
030	V511.01-30-00	HOLDER - GROUP	PC	1.00
031	V511.01-00-31	GEARED RACK	PC	1.00
032>>	V511.01-32-00	ETI POTENTIOMETER	PC	1.00
033	V511.01-00-33	MODULE BOARD	PC	1.00
034	V511.01-00-34	MODULE BASE	PC	1.00
035	ME311733.001	LOCK RING P 10 MZ	PC	5.00
036	V511.01-34-00	MICRO SWITCH HOLDER - GROUP	PC	1.00
037	V624.60-17-03	BEARING BASE	PC	1.00
038	ME311733.008	LOCK RING P 20	PC	2.00
039	V511.01-00-35	ARM ROD	PC	1.00
040	V511.01-00-36	ROD PIN	PC	1.00
041	ME309543.105	THREADED FASTENER, M 4X10	PC	2.00
042	V511.01-00-42	CABLE WIRE	PC	1.00
043	ME315170.065	COMPRESSION SPRING, TL1000x090x0170	PC	1.00
044	ME311000.001	LOCK RING P 3.2	PC	2.00
046	ME548241.031	CLIP, RAPID C 4434-07	PC	4.00
047	ME548241.030	NUT, KLIPKO M5-R-083-35	PC	3.00
048	ME307991.021	SCREW M 6X16 A2-70	PC	4.00
050	ME311214.013	WASHER, P 8.2	PC	4.00
051	ME309543.011	THREADED FASTENER, M 8X16	PC	4.00
054	ME311210.025	WASHER, P 13	PC	4.00
055	ME311120.085	NUT, M 12	PC	4.00
056	ME311120.017	NUT, M 6	PC	4.00
057	ME309287.037	THREADED FASTENER, M 6x25	PC	4.00
058	ME374415.015	MICRO SWITCH, OMRON SS-5GL2	PC	1.00
059	ME309255.082	THREADED FASTENER, M 2X14	PC	2.00
060	ME311210.034	WASHER, P 2.2	PC	2.00
061	ME311120.081	NUT, M 2	PC	2.00
062	ME315170.063	COMPRESSION SPRING, TL2000x120x0190	PC	1.00
063	ME311212.020	WASHER, P 4.3	PC	2.00
064	ME309543.116	THREADED FASTENER, M 4X50	PC	1.00
065	ME309255.070	THREADED FASTENER, M 4X20	PC	2.00
071	ME311214.002	WASHER, P 4.3, SERRATED	PC	2.00
072	ME311180.004	NUT, M 4	PC	4.00
078	ME311732.008	LOCK RING P 9	PC	1.00
080	ME309328.003	THREADED FASTENER, M 3X8	PC	4.00
081	V515.01-00-95	WASHER, 1	PC	2.00
083	ME397900.017	CABLE TIE, CTS 13 L 368	PC	3.00
084	ME311280.004	WASHER, MS P 4,3	PC	4.00
085	ME273114.028	STOP, 1	PC	2.00

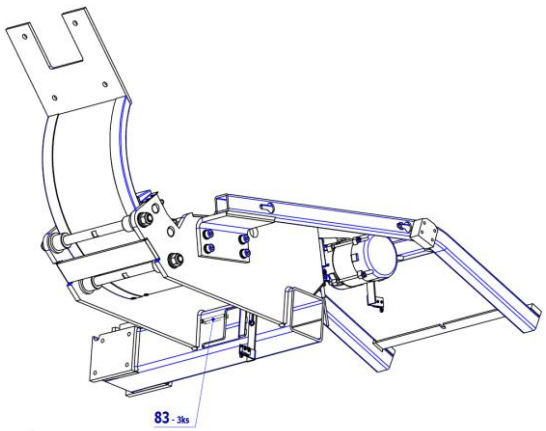
L1.2 Chair for DA270, DA280

►DA270, DA280 CHAIR BASE - V511.01-00-00.3





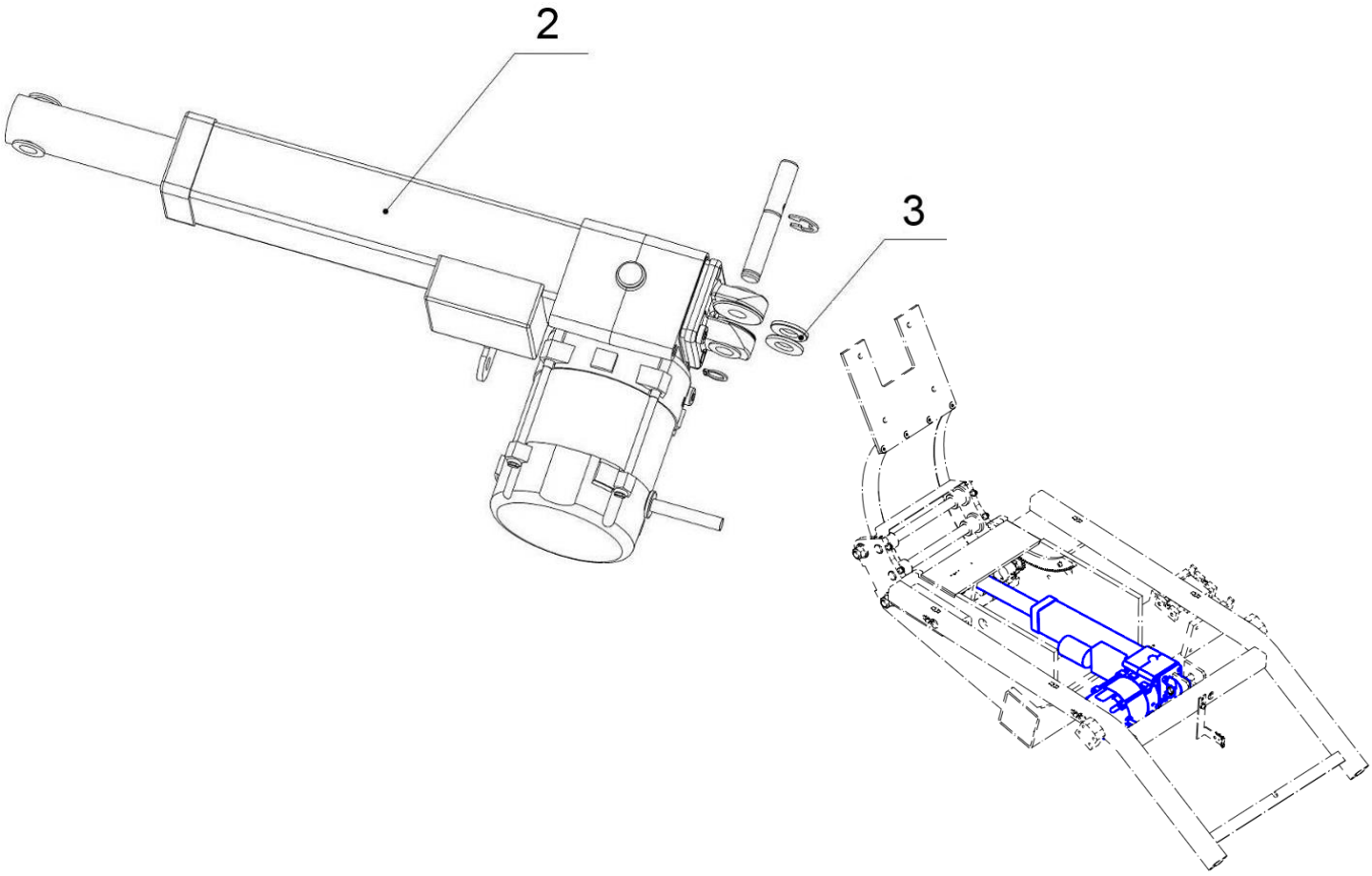




Pos.	Item no.	Product name	Unit	Quantity
001	V511.01-10-00	ENCLOSURE AND ARM / WHT1	PC	1.00
002	V624.60-00-30	GUIDE PLATE	PC	2.00
003	V624.60-00-31	GUIDE ROD COVER	PC	2.00
004	V624.60-00-32	COVER SLIDE	PC	1.00
005	ME315170.064	COMPRESSION SPRING, TL1000x110x0420	PC	1.00

006	V511.01-00-06	STUD, PJ 2	PC	1.00
013	V511.01-00-13	ROLLER	PC	8.00
014	V511.01-00-14	PUSH STUD	PC	2.00
015	V511.01-00-15	FIXED STUD	PC	2.00
016	V511.01-00-16	PUSH RING	PC	2.00
017	V511.01-17-00	SEGMENT, COMPLETE / WHT1	PC	1.00
018	V511.01-00-18.S	SEGMENT PLATE / WHT1	PC	1.00
019	V515.01-11-00.S	SEAT FRAME / WHT1	PC	1.00
021	V511.01-00-21.2	UPPER STUD	PC	1.00
026	V511.01-00-26.3	ENCLOSURE COVER / ENCLOSURE COVER	PC	1.00
029	V511.01-29-00	MICRO SWITCH HOLDER - GROUP	PC	2.00
031	V511.01-00-31	GEARED RACK	PC	1.00
032>>	V511.01-32-00	ETI POTENTIOMETER	PC	1.00
033	V511.01-00-33	MODULE BOARD	PC	1.00
034	V511.01-00-34	MODULE BASE	PC	1.00
035	ME311733.001	LOCK RING P 10 MZ	PC	3.00
041	ME309543.105	THREADED FASTENER, M 4X10	PC	2.00
042	V511.01-00-42	CABLE WIRE	PC	1.00
043	ME315170.065	COMPRESSION SPRING, TL1000x090x0170	PC	1.00
044	ME311000.001	LOCK RING P 3.2	PC	2.00
046	ME548241.031	CLIP, RAPID C 4434-07	PC	4.00
047	ME548241.030	NUT, KLIPKO M5-R-083-35	PC	3.00
048	ME307991.021	SCREW M 6X16 A2-70	PC	4.00
050	ME311214.013	WASHER, P 8.2	PC	8.00
051	ME309543.012	THREADED FASTENER, M 8X20	PC	8.00
054	ME311210.025	WASHER, P 13	PC	4.00
055	ME311120.085	NUT, M 12	PC	4.00
056	ME311120.017	NUT, M 6	PC	4.00
057	ME309287.037	THREADED FASTENER, M 6x25	PC	4.00
058	ME374415.015	MICRO SWITCH, OMRON SS-5GL2	PC	1.00
059	ME309255.082	THREADED FASTENER, M 2X14	PC	2.00
060	ME311210.034	WASHER, P 2.2	PC	2.00
061	ME311120.081	NUT, M 2	PC	2.00
062	ME315170.063	COMPRESSION SPRING, TL2000x120x0190	PC	1.00
063	ME311212.020	WASHER, P 4.3	PC	2.00
064	ME309543.116	THREADED FASTENER, M 4X50	PC	1.00
065	ME309255.070	THREADED FASTENER, M 4X20	PC	2.00
070	ME311280.004	WASHER, MS P 4,3	PC	4.00
071	ME311214.002	WASHER, P 4.3, SERRATED	PC	2.00
072	ME311180.004	NUT, M 4	PC	4.00
078	ME311732.008	LOCK RING P 9	PC	1.00
080	ME309328.003	THREADED FASTENER, M 3X8	PC	6.00
081	V515.01-00-95	WASHER, 1	PC	2.00
083	ME397900.017	CABLE TIE, CTS 13 L 368	PC	3.00
084	ME273114.028	STOP, 1	PC	2.00

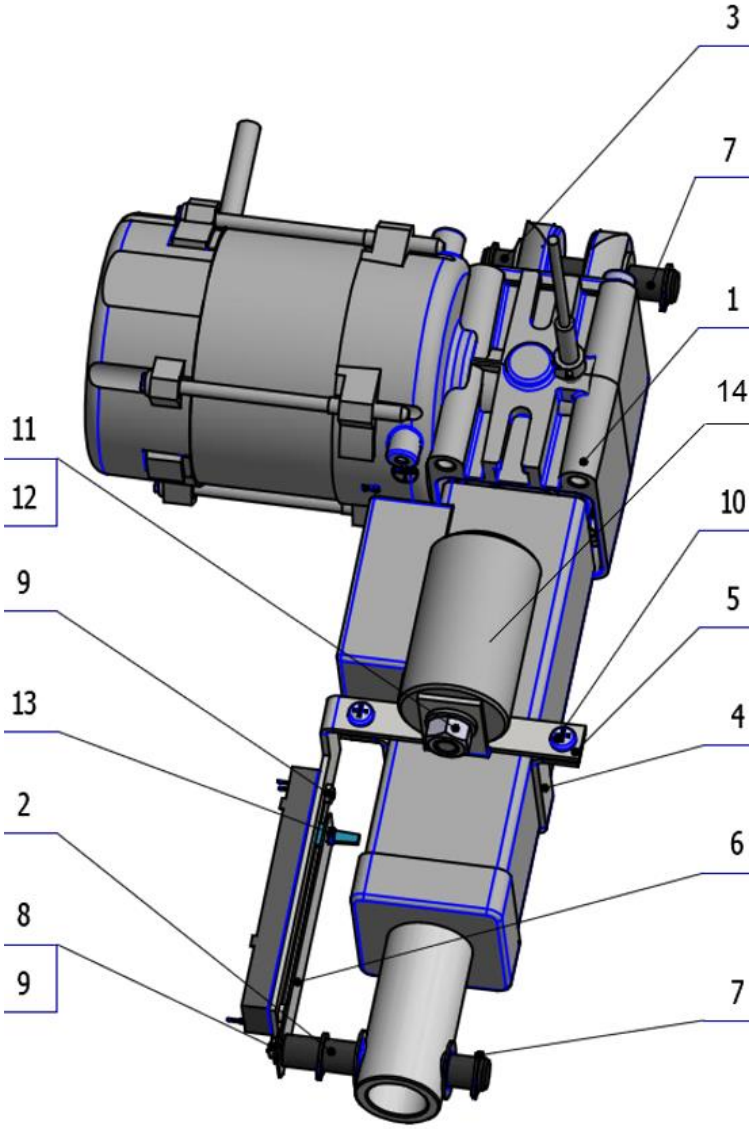
►HANNING OPTION - V511.51-00-00.2



Pos.	Item no.	Product name	Unit	Quantity
002	ME358221.046	DRIVE, HANNING SH 80 175 mm	PC	1.00
003	ME311210.007	WASHER, P 10.5	PC	2.00
901	ME374100.004	WIRING HARNESS, OLFLEX	PC	1.00
902	V511.51-90-02	EL. INSTALLATION, CHAIR GROUNDING	PC	1.00
903	ME374000.268	FSCH3M-HUB MODULE	PC	1.00
904	ME341413.069	CABLE, LiYY 3X0.25	M	0.57
905	ME341419.016	WIRE, LiY 0.25 OG	M	1.90
906	ME341419.004	WIRE, LiY 0.25 YE - 4126005S	M	0.70
908	ME343421.011	PVC INSULATING SLEEVE, 2.5X0.5, BLACK	M	0.06
909	ME283362.015	PVC INSULATING SLEEVE, 4X0.5, BLACK	M	0.03
910	ME345711.034	CLAMP, F0505 HC 101	PC	3.00
911	ME397900.012	CABLE TIE, F 0301 CV-094	PC	9.00
912	ME397800.015	CABLE TIE, F0301 CV-200	PC	1.00
913	ME735000.079	LABEL, LIGHTNING BOLT, W008-26 PVC SELF-ADHESIVE	PC	1.00
914	ME735552.115	GROUNDING SYMBOL, 4-2240.017	PC	2.00
915	ME243422.007	SHRINK-FIT INSUL. SLEEVE, P4.8	M	0.02
916	V400.01-01-40	LABEL, TEXT	PC	2.00
917	V400.01-00-58	LABEL, SQ2	PC	1.00
918	ME371418.027	SPACER POST, H=6.4 MM, SNAP-TYPE	PC	4.00

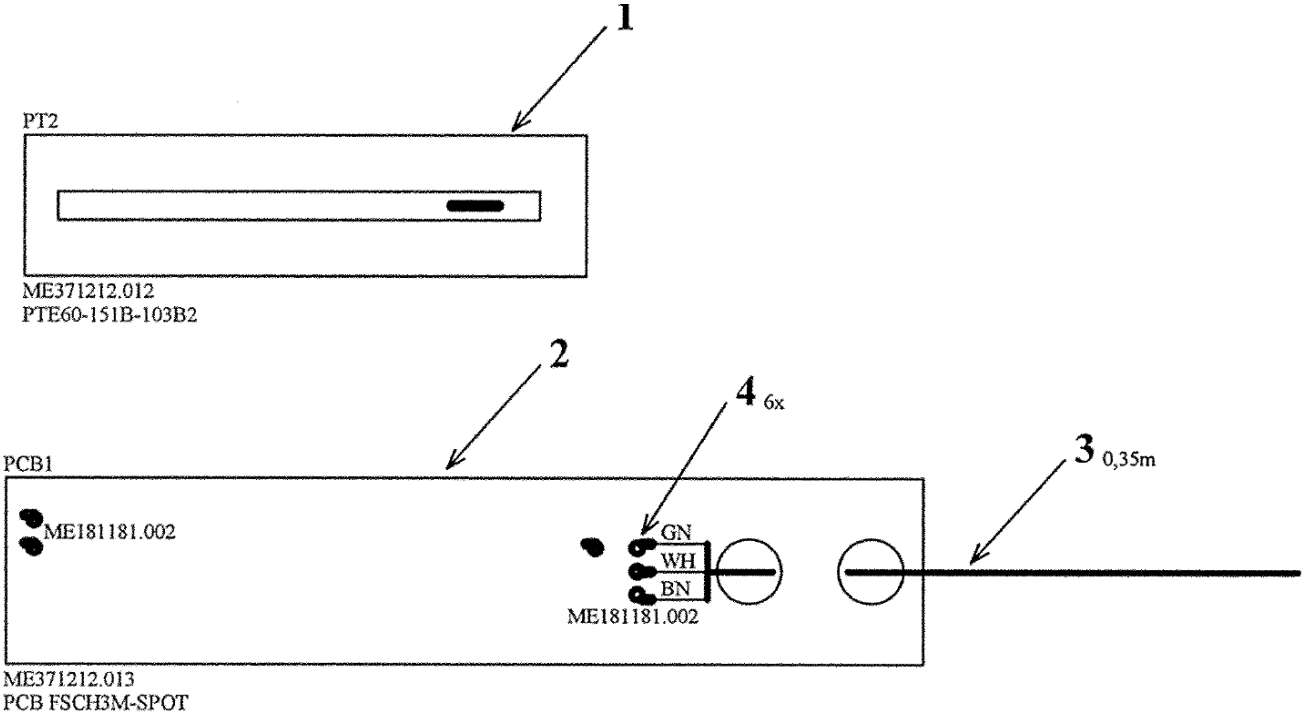
►HANNING, TILTING MOTOR - V511.54-00-00

(so-called third movement of the chair - DA370, DA380 only)



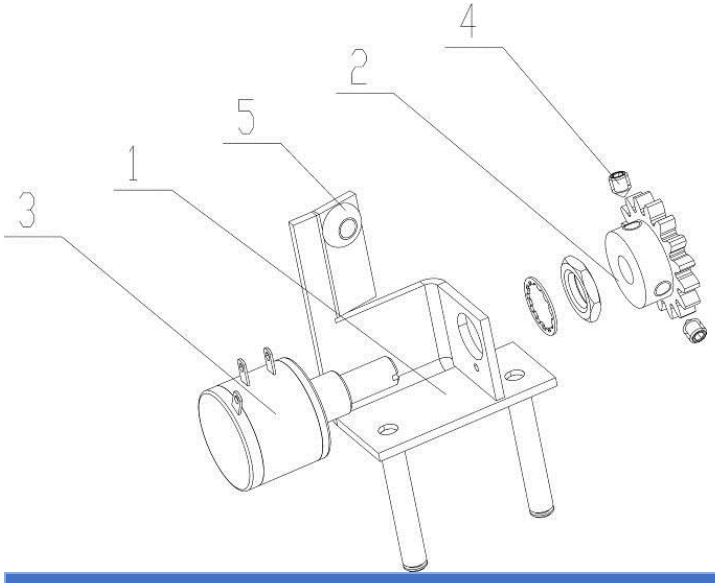
Pos.	Item no.	Product name	Unit	Quantity
001	ME358221.050	DRIVE, HANNING SH80-50 mm 7000 N	PC	1.00
002	V511.54-00-02	STUD	PC	1.00
003	V511.01-00-06	STUD, PJ 2	PC	1.00
004	V511.54-00-04	COLLAR	PC	1.00
005	V511.54-00-05	HOLDER	PC	1.00
006	V511.54-00-06	ROD	PC	1.00
007	ME311733.001	LOCK RING P 10 MZ	PC	4.00
008	ME311212.002	WASHER, P 3.2	PC	1.00
009	ME309255.081	THREADED FASTENER, M 3X4	PC	3.00
010	ME309255.073	THREADED FASTENER, M 4X6	PC	2.00
011	ME311214.013	WASHER, P 8.2	PC	1.00
012	ME311120.072	NUT, M 8	PC	1.00
013	ME273111.130	O RING, P2.5x1.5 NBR70	PC	1.00
014	ME371327.010	CAPACITOR micro10F - 420V AC	KS	1,00
901>>	V511.54-90-01	EL.INST.FSCH3M-SPOT - ASSEMBLY	PC	1.00
902	V511.54-90-02	EL. INSTALLATION, CHAIR GROUNDING	PC	1.00

>> FSCH3M-SPOTV ELECTRICAL INSTALLATION - V511.54-90-01



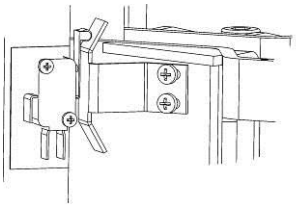
Pos.	Item no.	Product name	Unit	Quantity
001	ME371212.012	SLIDING POTENTIOMETER, 10 kΩ, 60 mm	PC	1.00
002	ME371212.013	FSCH3M-SPOT PRINTED CIRCUIT BOARD	PC	1.00
003	ME341413.069	CABLE, LiYY 3X0.25	M	0.35
004	ME181181.002	TINNED SOLDER ROD, FLUTIN 1532	KG	

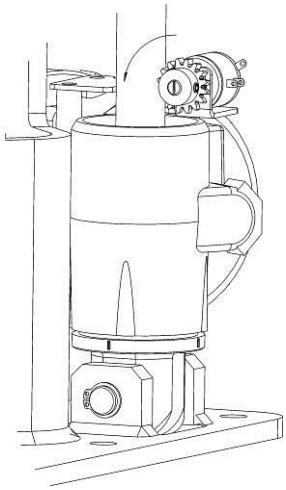
>>ETI POTENTIOMETER - V511.01-32-00



Position	Item no.	Product name	Unit	Quantity
001	V511.01-33-00	HOLDER - GROUP	PC	1.00
002	V511.01-32-02	GEAR - STRAIGHT TEETH	PC	1.00
003	ME371212.011	POTENTIOMETER, 3 turn, 2 kΩ, D 6.3 mm	PC	1.00
004	ME311120.044	THREADED FASTENER, M 4X5	PC	2.00
005	ME273121.046	BUSHING, TYPE F2, 4,1.6	PC	1.00

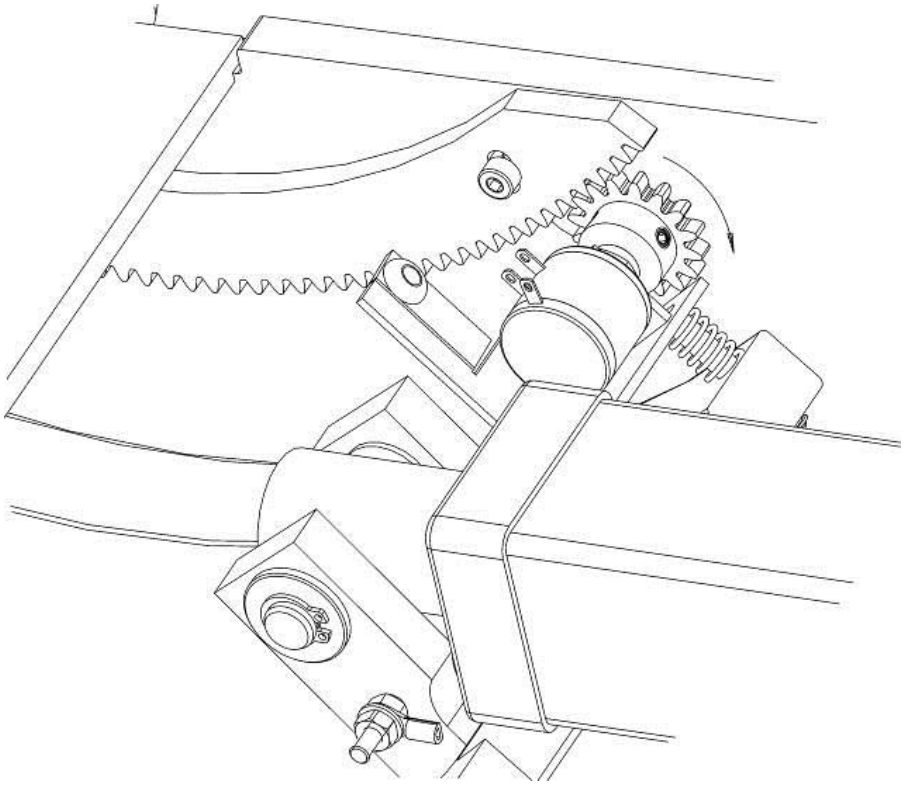
►ADJUSTMENT OF THE VERTICAL LIFT POTENTIOMETER





The Hanning drive with the nut must be in the up position, the end of the micro switch must be engaged with the slider, then rotate the potentiometer holder away from the drive unit helix, rotate the gear on the potentiometer in a clockwise direction to the stop and then turn the gear 1½ turns in a counter-clockwise direction as shown by the arrow. Then return the potentiometer holder to engage with the helix and secure in place.

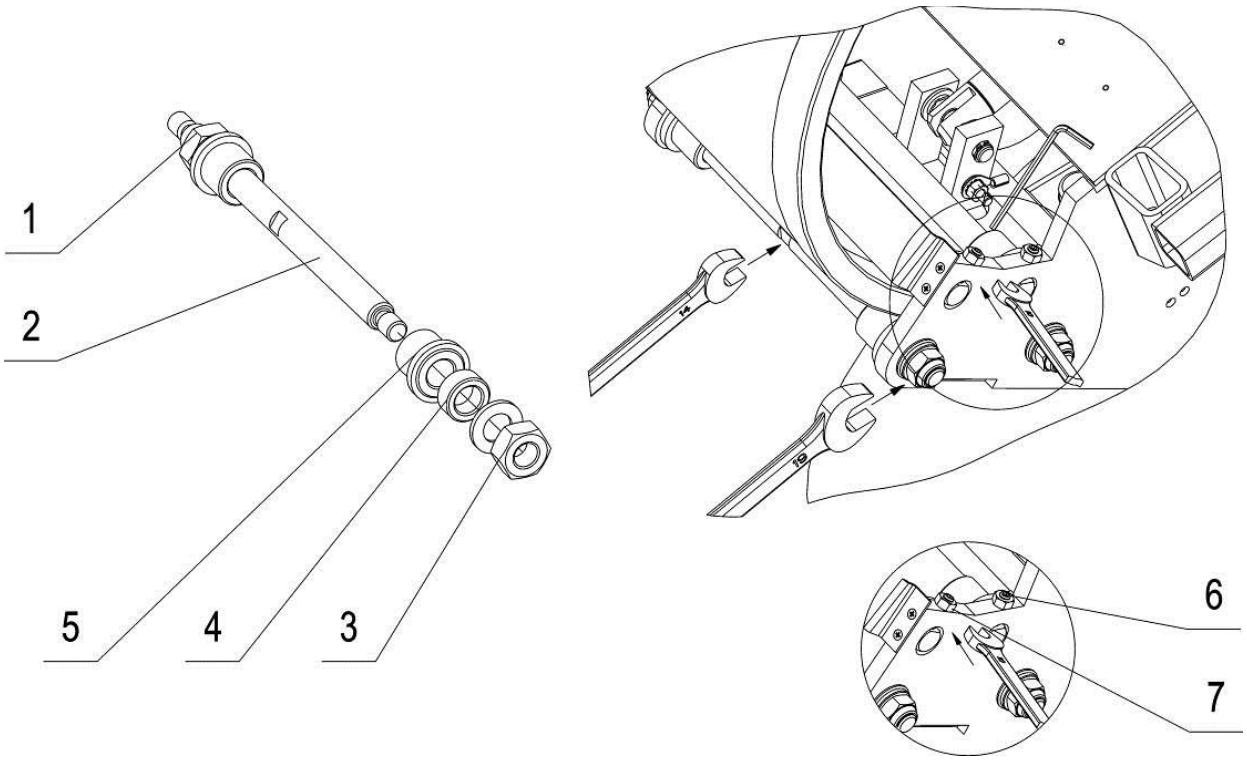
►ADJUSTMENT OF THE BACKREST POTENTIOMETER



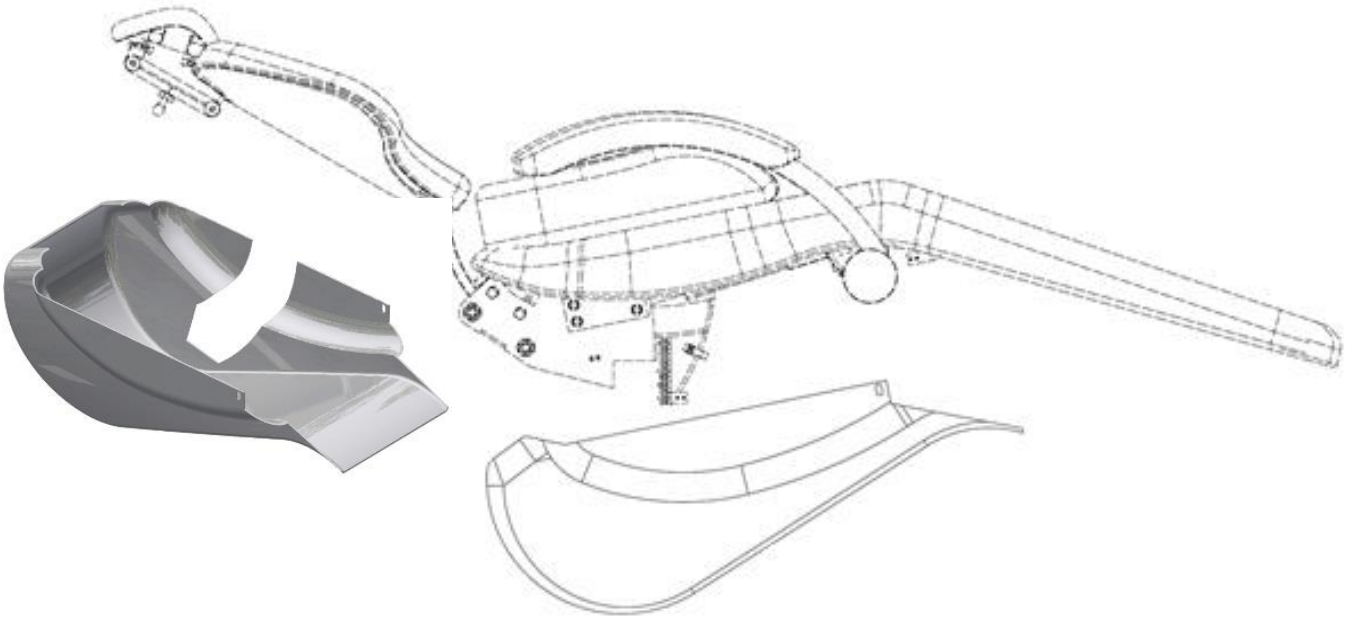
The Hanning drive unit must be retracted, move the potentiometer holder away from the geared rack, rotate the gear on the potentiometer in a counter-clockwise direction to the stop and then rotate the gear a ¼ turn in a clockwise direction as shown by the arrow.

►ADJUSTMENT OF THE CHAIR SEGMENT

The segment with the backrest and the headrest must move between the rollers so that the safety micro switch is deactivated if the backrest strikes an impediment and it returns back using its own weight. Use the following procedure to define the side play margins:
- tighten the nut in Pos. 1 to the end of the thread on the stud in Pos. 2 on the left side,
- tighten the nut in Pos. 3 on the right side to press against the moving bushing in Pos. 4 and then on the roller in Pos. 5, 14 and 19 mm open-end spanners are required for adjustment purposes),
- vertical adjustment of the segment is performed by tightening the 4 threaded fasteners in Pos. 6 using a hex spanner, alternating between the individual fasteners to tighten evenly. Then set the threaded fasteners once adjusted using the 4 nuts in Pos. 7 using a 10 mm open-end spanner.



► CHAIR COVER - V511.00-20-00



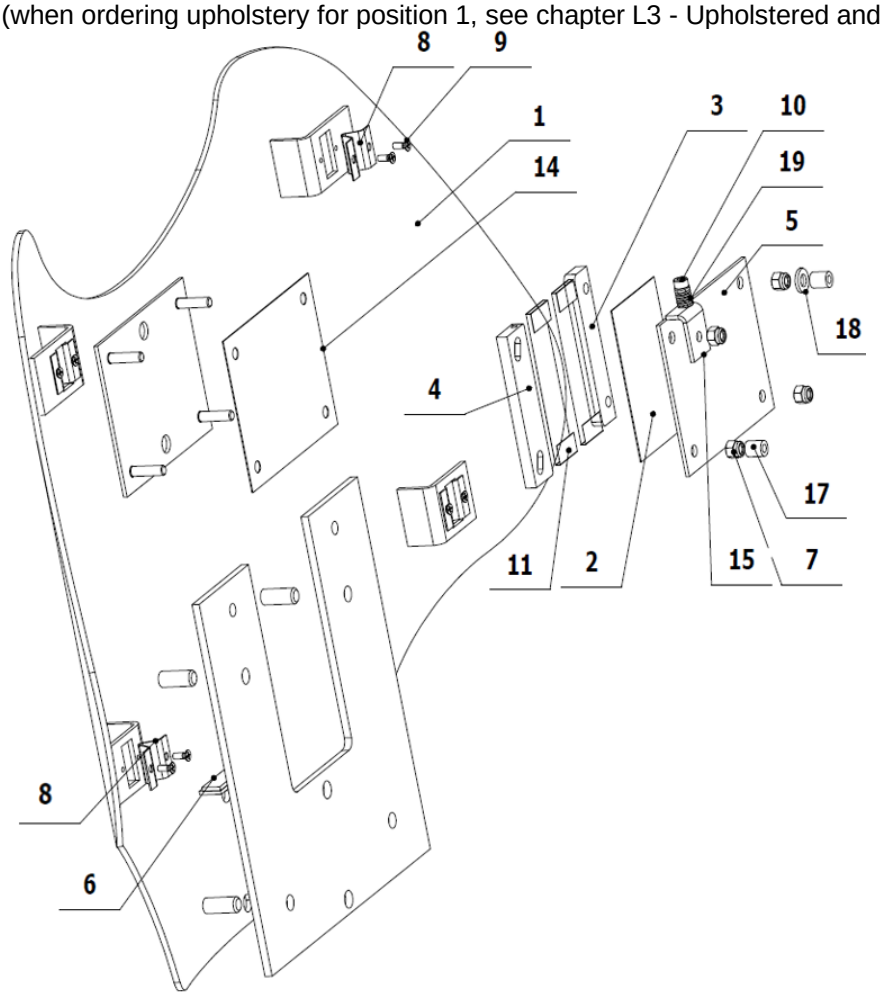
L2 - Optional items

BACKREST

- OPTION1: with the narrow frame
- OPTION2: with the wide frame

►BACKREST WITH STANDARD (NARROW) FRAME - V511.08-00-00

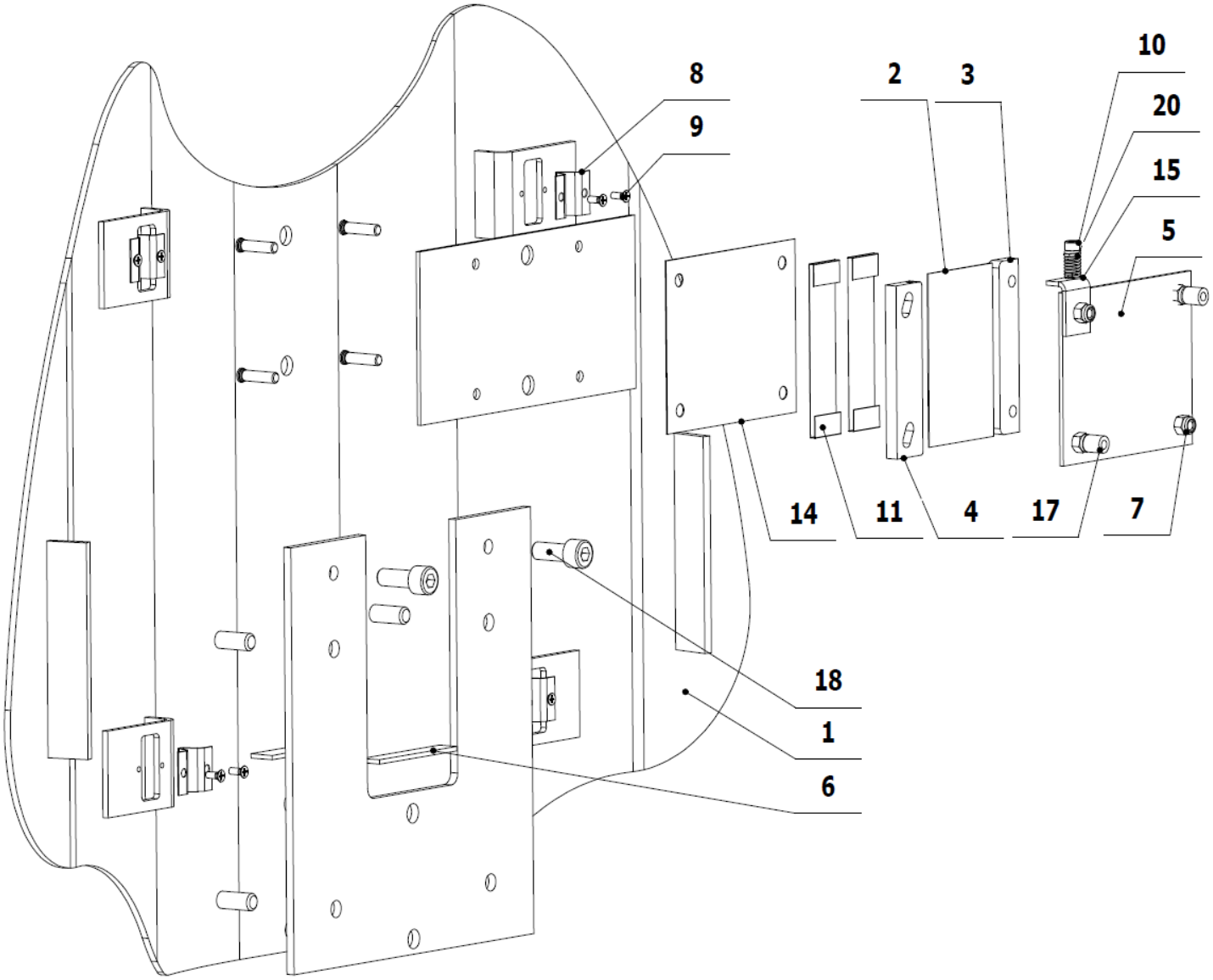
(when ordering upholstery for position 1, see chapter L3 - Upholstered and stitched parts)



Pos.	Item no.	Product name	Unit	Quantity
001	V515.12-01-00.S	BACKREST FRAME, NARROW	PC	OPTION
002	V511.06-00-02	FOIL	PC	1.00
003	V511.06-00-03	GUIDES, 1	PC	1.00
004	V511.06-00-06	GUIDES, 3	PC	1.00
005	V511.06-00-05	THRUST PLATE	PC	1.00
006	V504.4-01-09	DAMPER	PC	1.00
007	ME311120.032	NUT, M 5	PC	4.00
008	ME548241.028	CLIP, CHIPIE 190303-0.6	PC	4.00
009	ME309251.078	THREADED FASTENER, M 3X8	PC	8.00
010	ME309585.003	THREADED FASTENER, M 4X25	PC	1.00
011	ME283000.061	SLIDING TAPE, NITTO 973 UL S=25	M	0.20
014	V510.01-00-39	SLIDING PLATE	PC	1.00
015	V511.06-00-15	ANGLE BRACKET	PC	1.00
017	V510.00-84-17	SPACER POST	PC	2.00
018	ME311212.017	WASHER, P 6.6	PC	1.00
019	ME315000.106	SPRING, TL1250x076x0170	PC	1.00

►BACKREST WITH WIDE FRAME - V511.06-00-00

(when ordering upholstery for position 1, see chapter L3 - Upholstered and stitched parts)



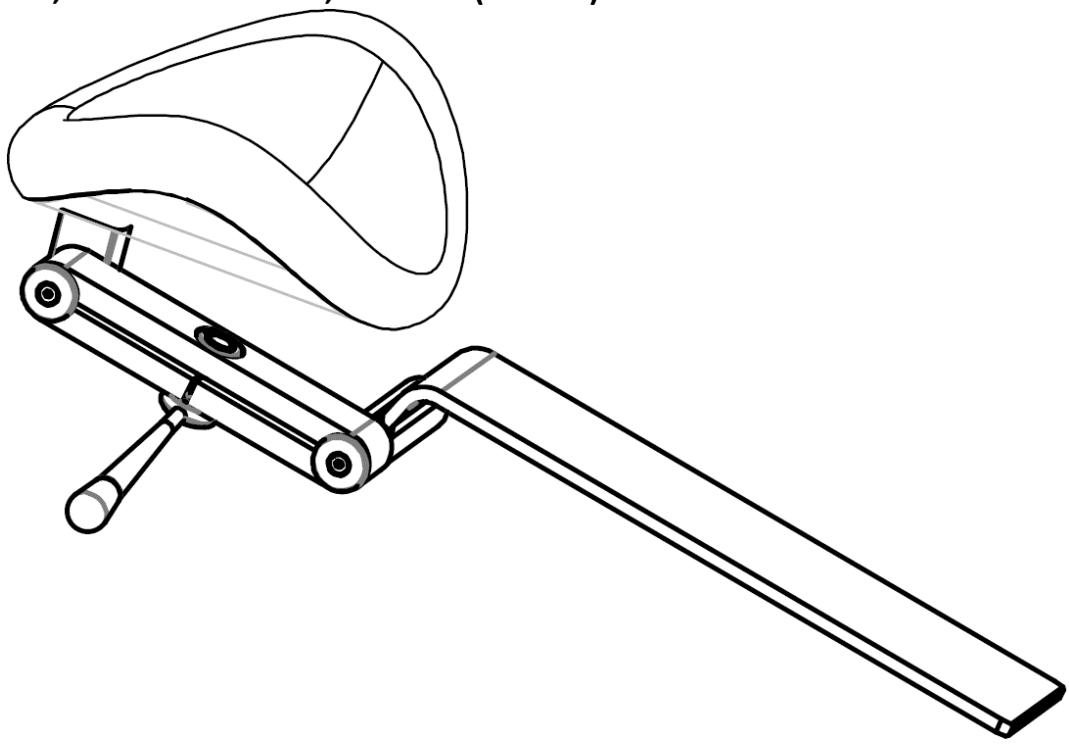
Pos.	Item no.	Product name	Unit	Quantity
001	V515.13-01-00.S	BACKREST FRAME, WIDE	PC	OPTION
002	V511.06-00-02	FOIL	PC	1.00
003	V511.06-00-03	GUIDES, 1	PC	1.00
004	V511.06-00-06	GUIDES, 3	PC	1.00
005	V511.06-00-05	THRUST PLATE	PC	1.00
006	V504.4-01-09	DAMPER	PC	1.00
007	ME311120.032	NUT, M 5	PC	4.00
008	ME548241.028	CLIP, CHIPIE 190303-0.6	PC	4.00
009	ME309251.078	THREADED FASTENER, M 3X8	PC	8.00
010	ME309585.003	THREADED FASTENER, M 4X25	PC	1.00
011	ME283000.061	SLIDING TAPE, NITTO 973 UL S=25	M	0.20
014	V510.01-00-39	SLIDING PLATE	PC	1.00
015	V511.06-00-15	ANGLE BRACKET	PC	1.00
017	V510.00-84-17	SPACER POST	PC	2.00
018	ME309543.012	THREADED FASTENER, M 8X20	PC	2.00
020	ME315000.124	SPRING, TL 1250x076x0130	PC	1.00

HEADREST

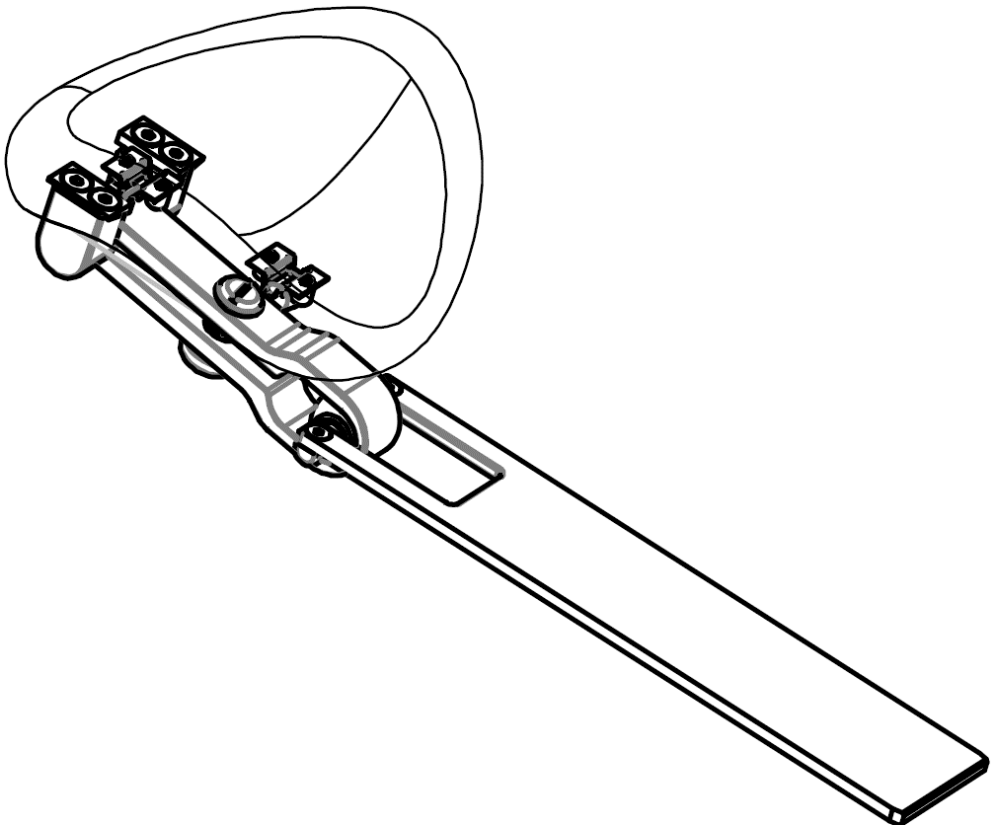
SPARE PARTS (available for ordering)

Please specify color option for upholstered options based on the available range of color samples.
See http://www.diplomat-dental.com/colors/

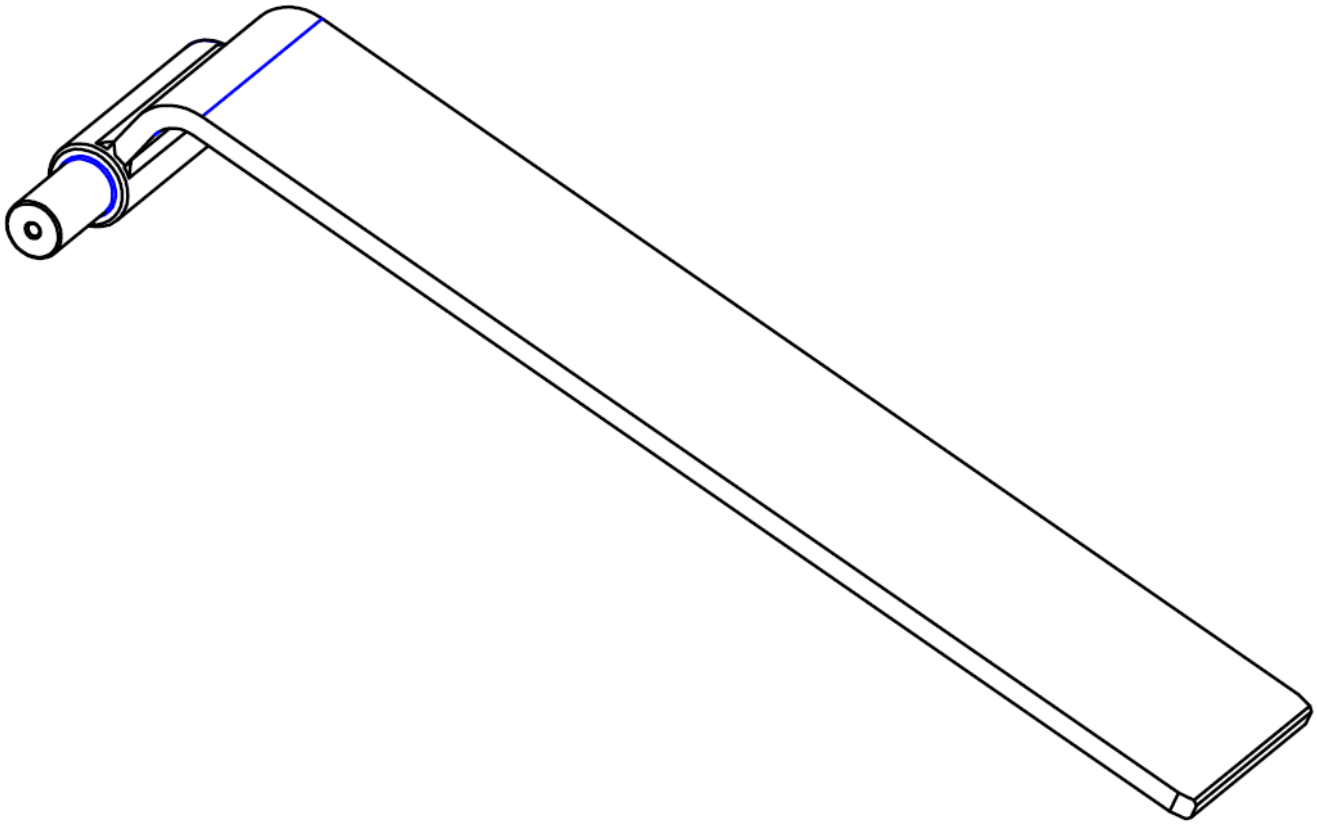
▶HEADREST 2D, NON SWIVELLING, SEAMLESS (Full Set) - V691.01-18-00
▶HEADREST 2D, NON SWIVELLING, SEAMED (Full Set) - V691.01-21-00



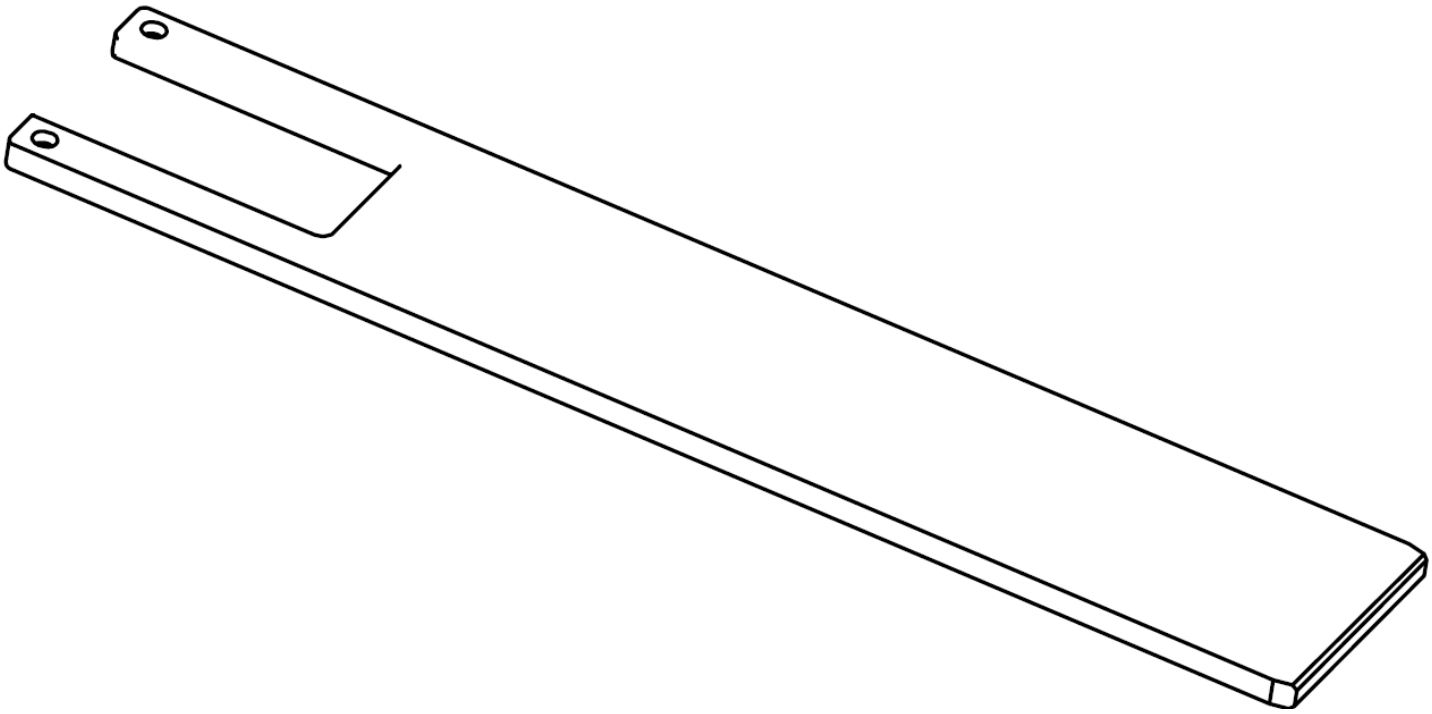
▶HEADREST SWIVELLING 3D, SEAMLESS (Full Set) - V691.01-24-00
▶HEADREST SWIVELLING 3D, SEAMED (Full Set) - V691.01-27-00



- **FLAT BAR 2D - 294mm - V510.16-01-00.2** (for backrest with deep cutout)
- **FLAT BAR 2D - 325mm - V510.16-01-00.1** (for backrest with shallow cutout, old upholstery)

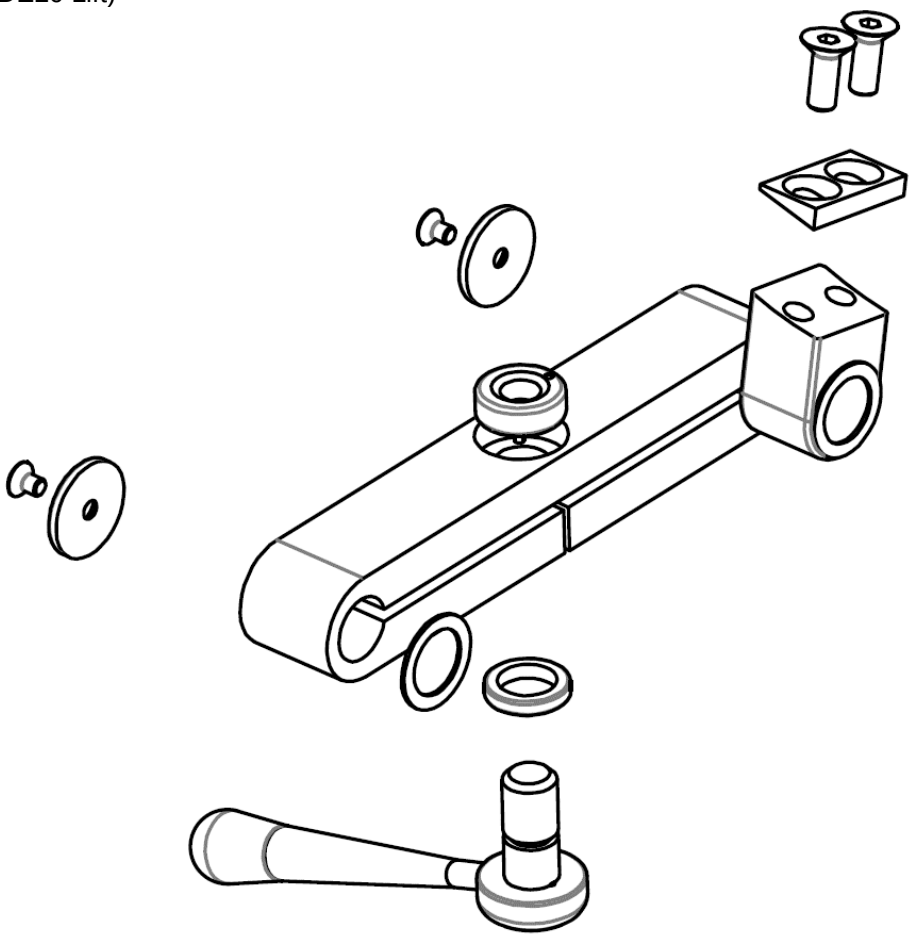


- **FLAT BAR 3D - 300mm - V511.16-00-01.1** (for backrest with deep cutout)
- **FLAT BAR 3D - 325mm - V511.16-00-01** (for backrest with shallow cutout, old upholstery)

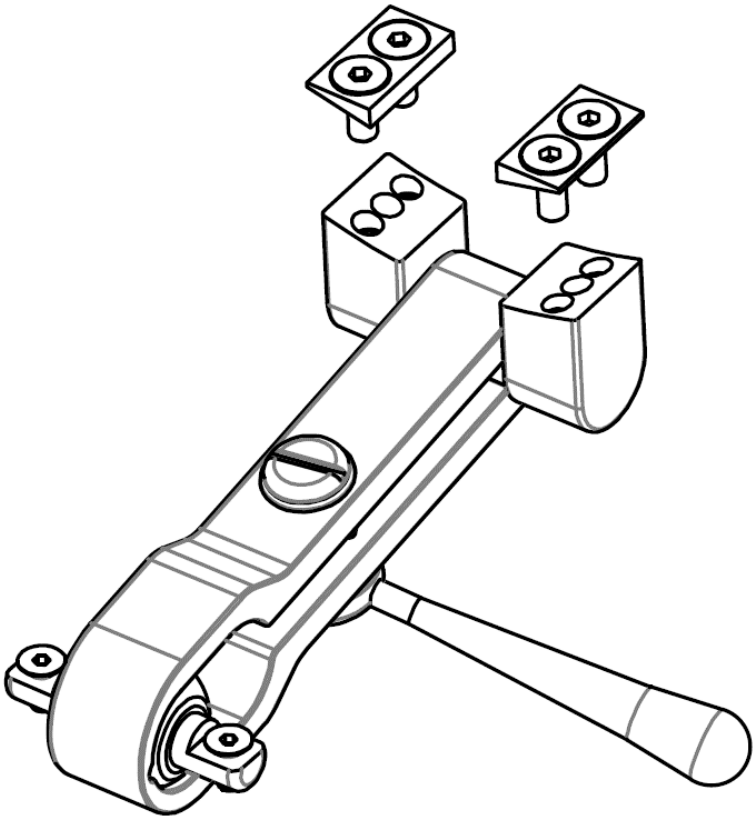


▶CLAMP FOR HEADREST 2D, NON SWIVELLING - V690.00-76-00

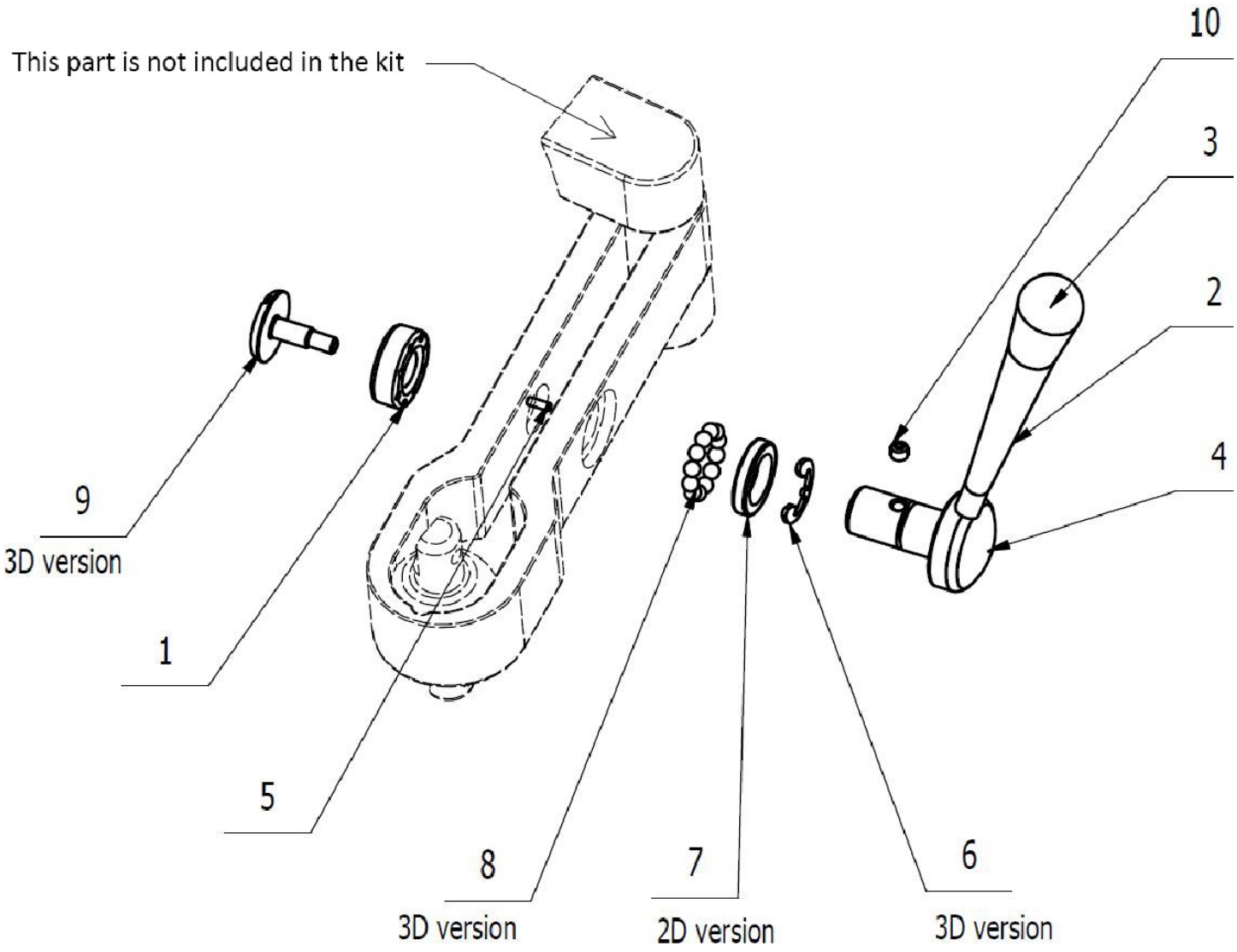
(applicable for DE20, DE20 Lift)



▶CLAMP FOR HEADREST 3D, SWIVELLING - V690.00-75-00

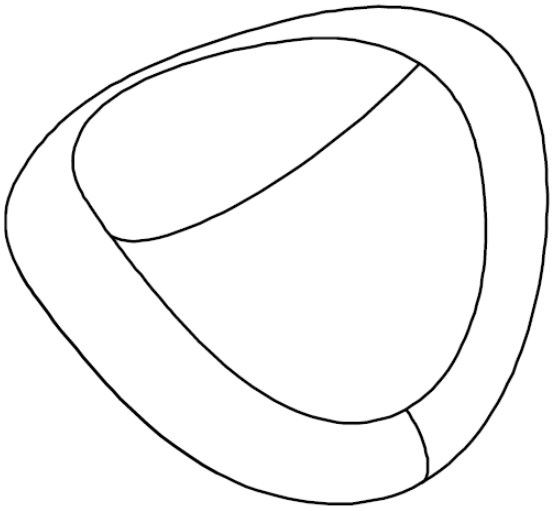


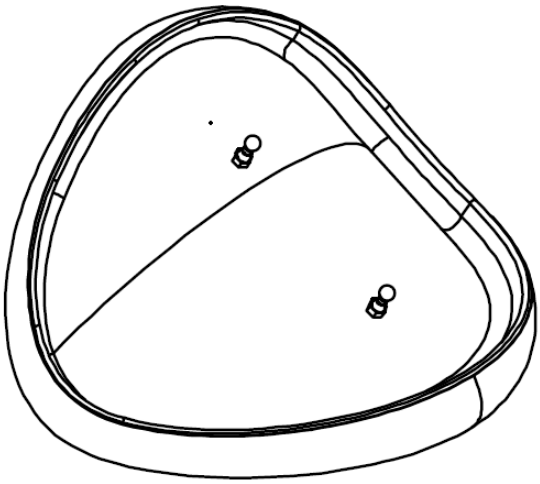
► KIT FOR HEADREST CLAMP 2D,3D – V690.80-00-00



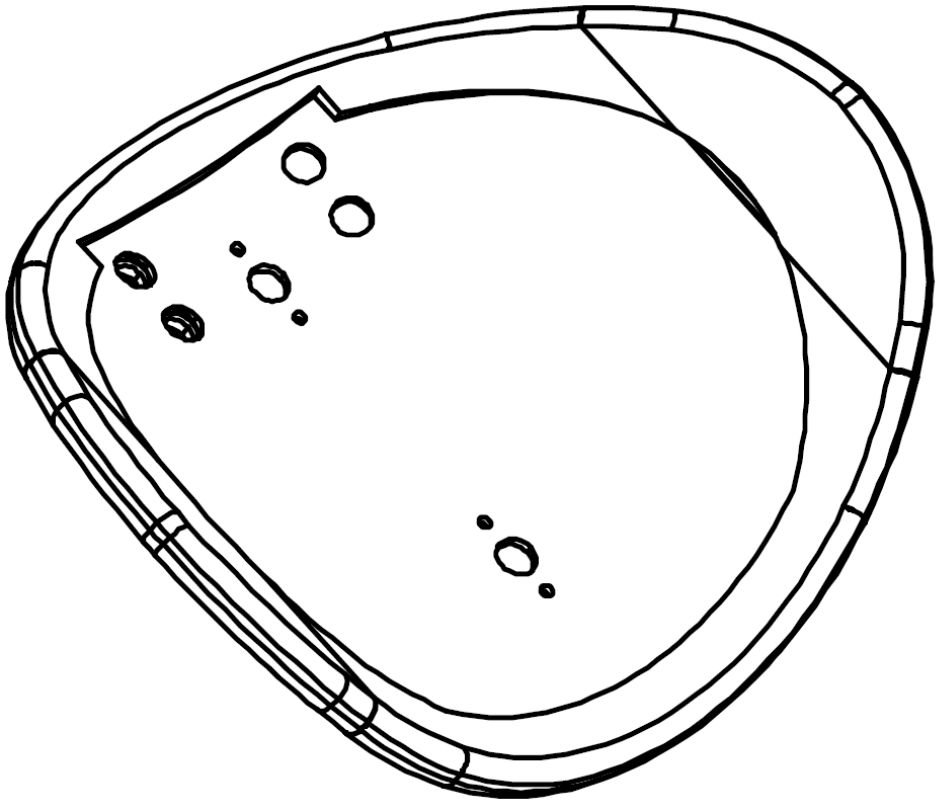
POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	V511.16-00-04.4	NUT TIGHTENING	PC	1,00
002	V511.16-00-05	LEVER ROD	PC	1,00
003	ME321811.035	HANDLE I.622/25 N-6 CLEAN	PC	1,00
004	V511.16-00-03.2	ANCHOR PIN	PC	1,00
005	ME311565.101	PIN P 2X6 CYLINDRICAL	PC	1,00
006	ME311732.008	LOCKING RING P 9	PC	1,00
007	V511.16-00-18	BRONZE WASHER	PC	1,00
008	ME324912.003	BALL ROLLER D 3,969	PC	12,00
009	V511.16-00-09	SCREW OP.	PC	1,00
010	ME309287.038	SCREW M 4x4	PC	1,00

▶ HEADREST, FRONT PART, SEAMLESS – ME288100.061
▶ HEADREST, FRONT PART, SEAMED – ME288100.064



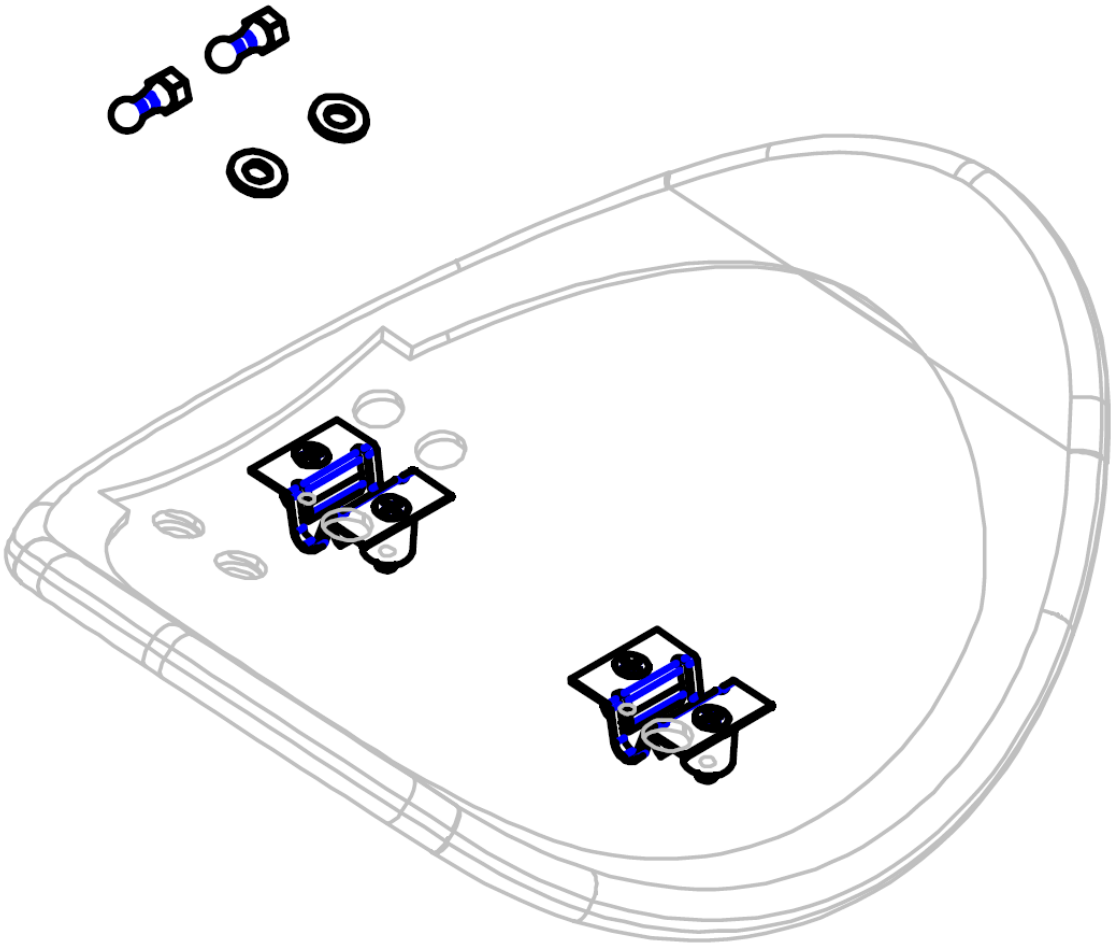


▶ HEADREST, REAR PART, SEAMLESS – ME285000.917



▶MOUNTING SET FOR HEADREST – V690.01-69-00

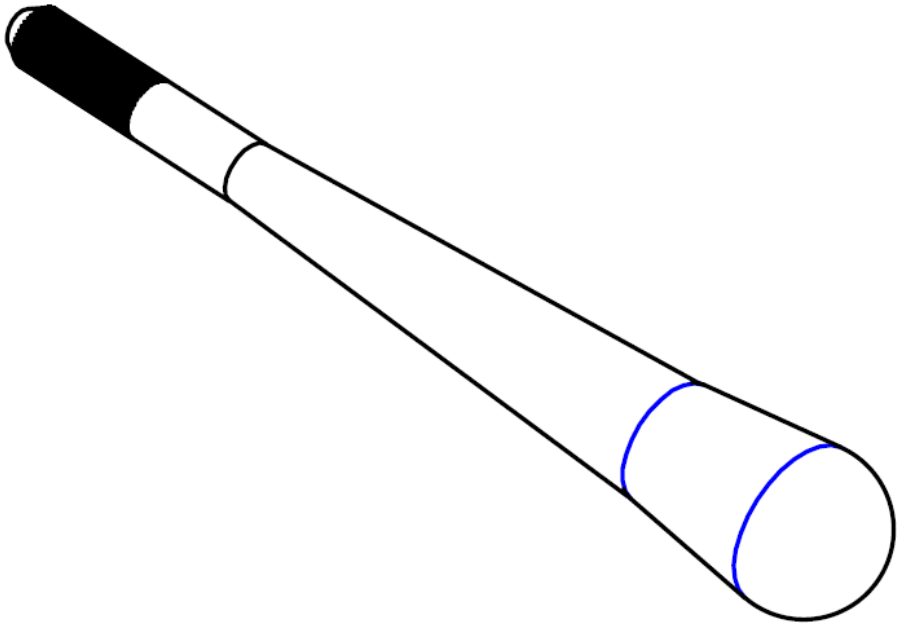
For more details, see chapter: L4 - Mounting Sets



▶LEVER ROD WITH HANDLE

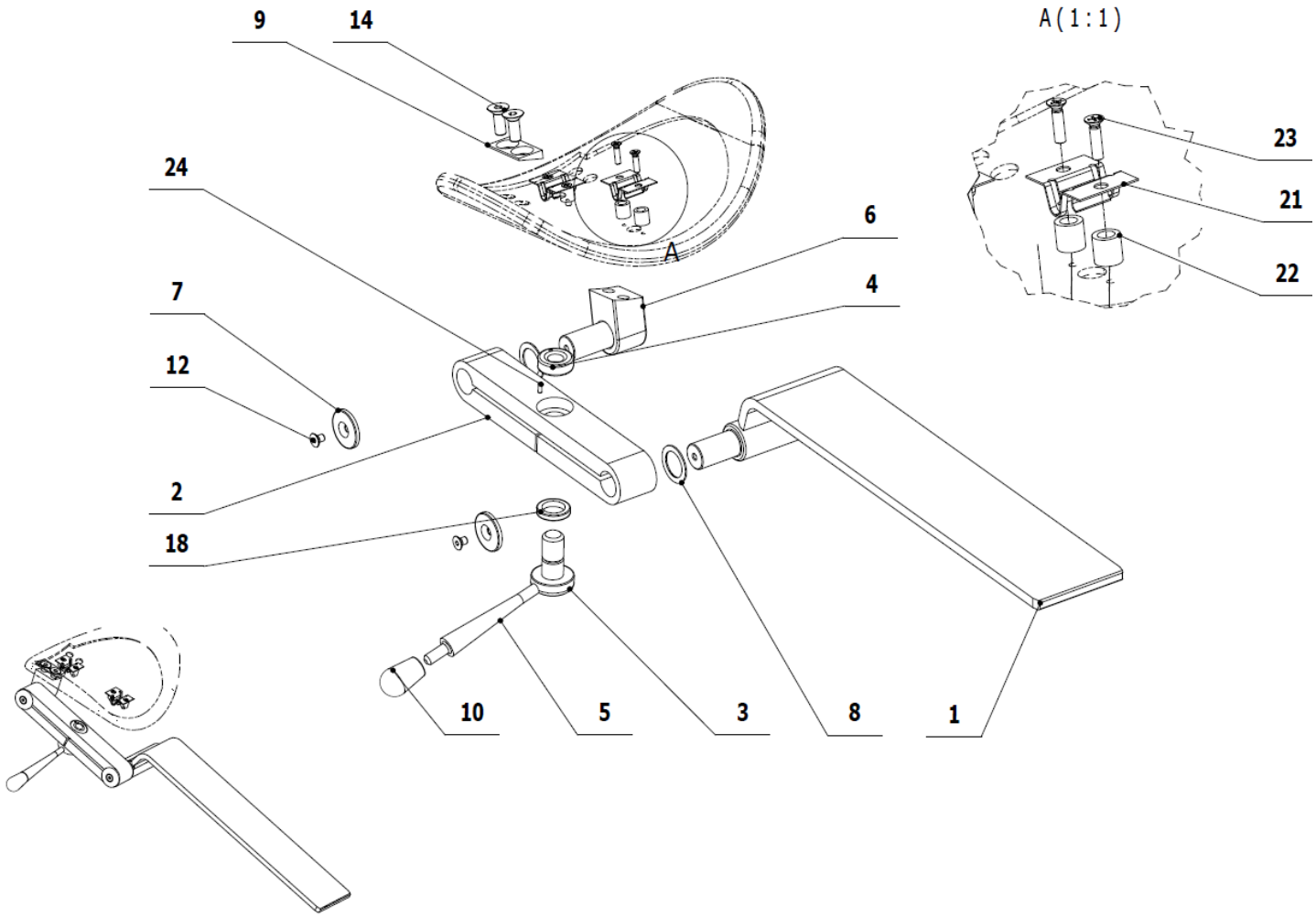
To order the lever rod with handle, please order following items:

Item no.	Product name	Unit	Quantity	SP
V511.16-00-05	LEVER ROD	PC	1.00	▶
ME321811.035	HANDLE I.622/25 N-6 CLEAN	PC	1.00	▶



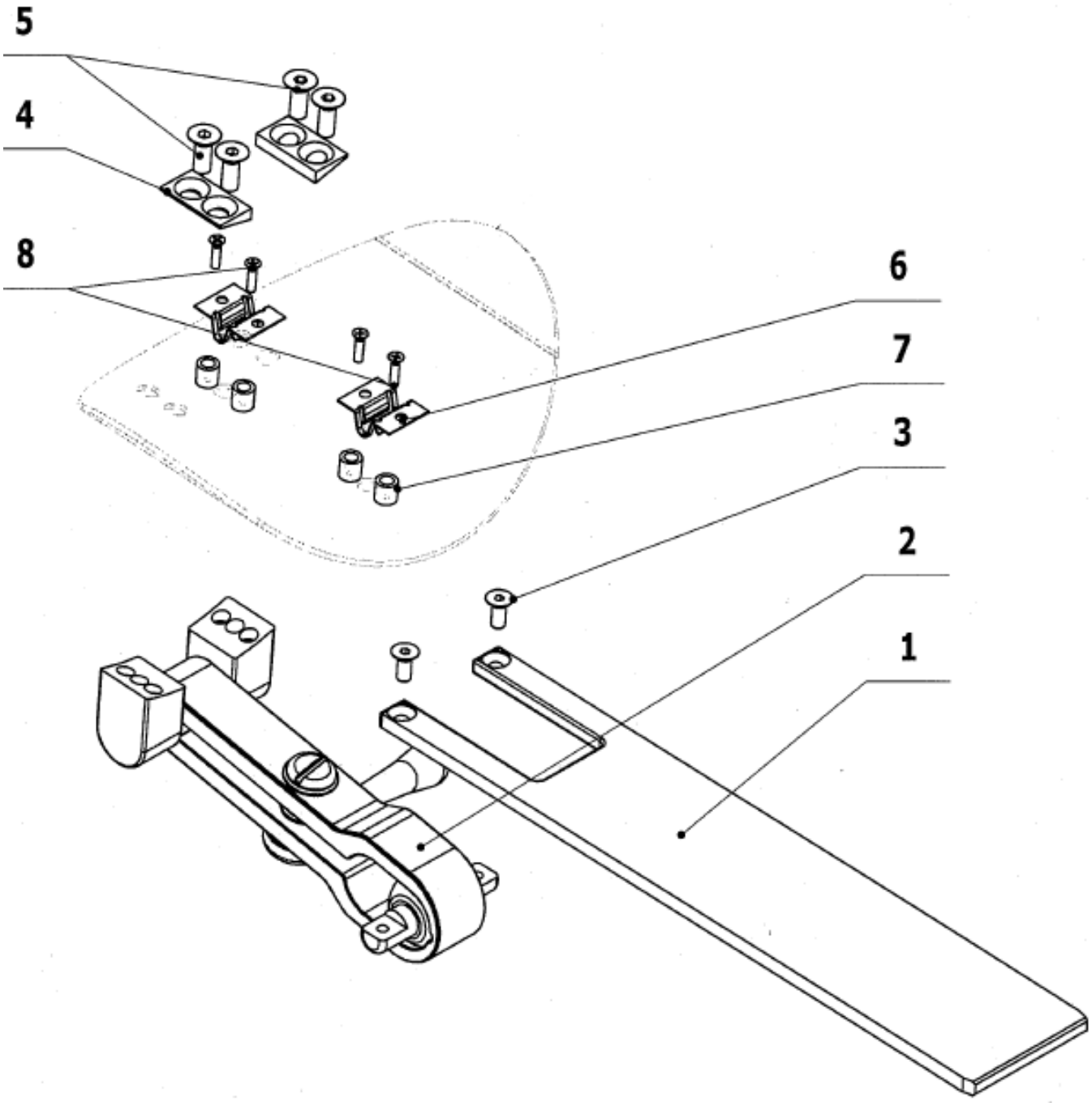
⏩ ITEMS FOR SERVICING PURPOSES (not available for ordering)

►HEADREST 2D, NON SWIVELLING (without upholstery) - V510.16-00-00.4



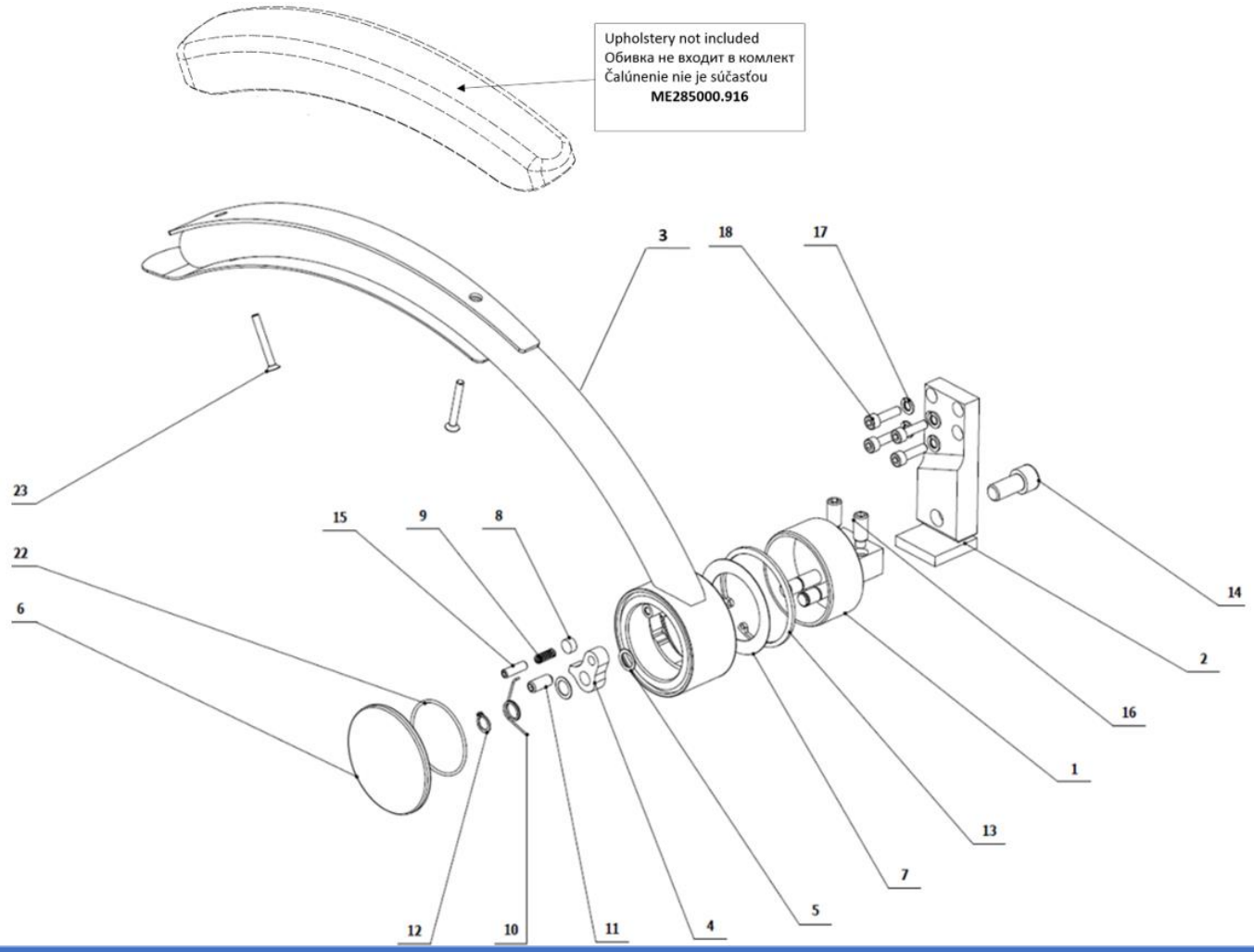
POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	V510.16-01-00.2	METAL BAR PLATE 2D – 294mm	PC	1.00
002	V510.16-00-02.4	CLAMP	PC	1.00
003	V511.16-00-03.T	ANCHOR PIN	PC	1.00
004	V511.16-00-04.4	NUT TIGHTENING	PC	1.00
005	V511.16-00-05	ROD	PC	1.00
006	V510.16-03-00	FOOT	PC	1.00
007	V510.16-00-07	RING	PC	2.00
008	V500.03-00-16	WASHER	PC	2.00
009	V510.16-00-09	WASHER	PC	1.00
010	ME321811.035	HANDLE I.622/25 N-6	PC	1.00
012	ME307991.010	SCREW M 4X6	PC	2.00
014	ME307991.009	SCREW M 6X16	PC	2.00
018	V511.16-00-18	BRONZE WASHER	PC	1.00
021	ME548241.029	RAPID FEDERLASHE SPRING COUPLING 190303-0,5	PC	2.00
022	V504.6-11-04	TRUBKA	PC	4.00
023	ME309255.084	SCREW M 3X12	PC	4.00
024	ME311565.101	PIN P 2X6 CYLINDRICAL	PC	1.00

►HEADREST SWIVELLING 3D (without upholstery) - V511.16-00-00.5



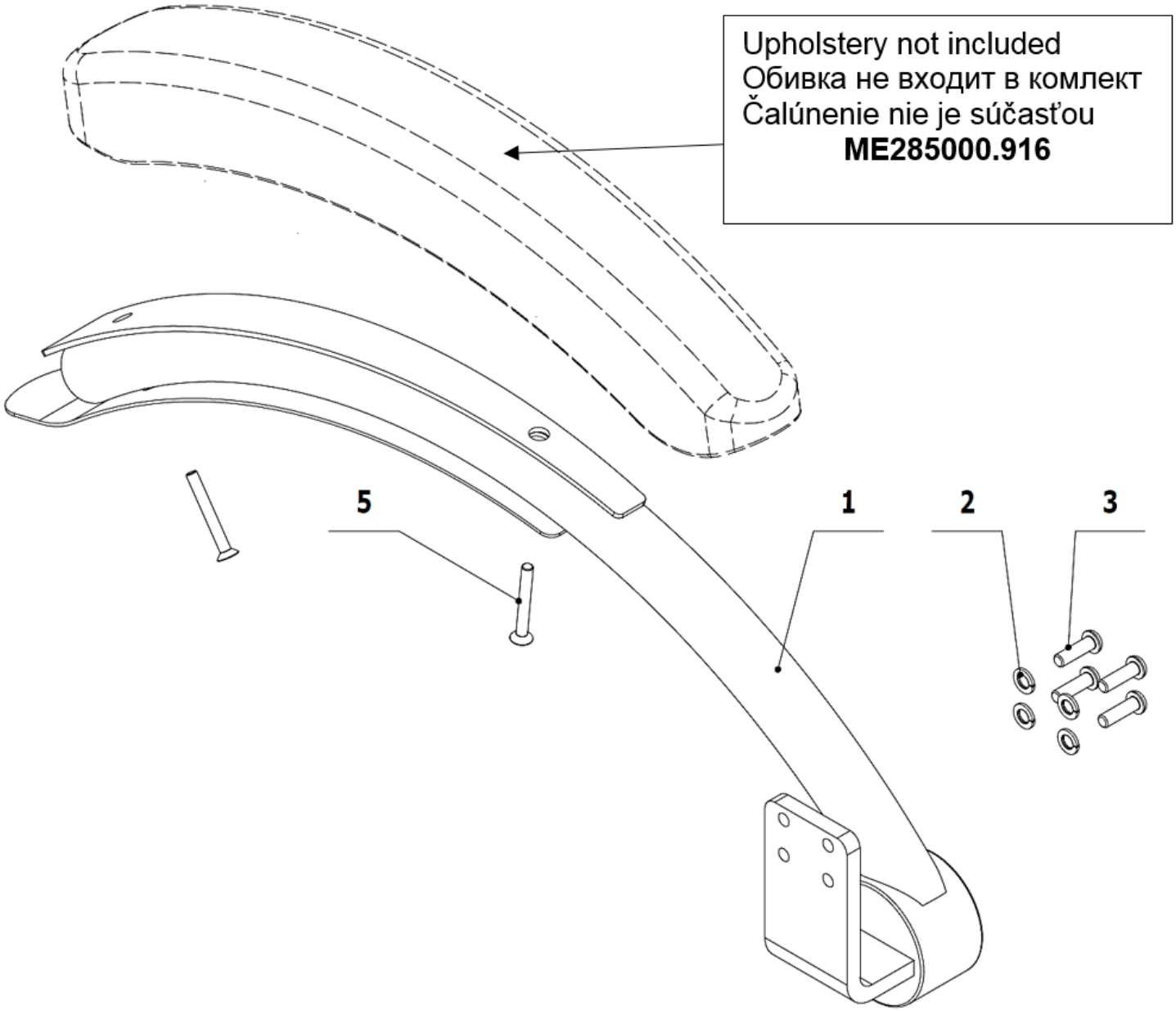
POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	V511.16-00-01	METAL BAR PLATE 3D – 325mm	PC	1.00
002	V511.16-02-00	CLAMP	PC	1.00
003	ME307991.004	SCREW M 5X12	PC	2.00
004	V510.16-00-09	WASHER	PC	2.00
005	ME307991.009	SCREW M 6X16	PC	4.00
006	ME548241.029	RAPID FEDERLASHE SPRING COUPLING 190303-0,5	PC	2.00
007	V504.6-11-04	SPACER BUSHING	PC	4.00
008	ME309255.084	SCREW M 3X12	PC	4.00

>> RIGHT FOLDING ARMREST - V510.11-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V510.60-01-00.1	MIDDLE RING, COMPLETE / WHT1	PC	1.00
002	V510.60-02-00.S	MOUNTING, COMPLETE / WHT1	PC	1.00
003	V510.61-00-00	ARMREST WITH GEAR RING / WHT1	PC	1.00
004	V510.11-00-04	LATCH - CASTING	PC	1.00
005	V510.11-00-05	WASHER	PC	2.00
006	V510.11-00-06.1	COVER / WHT1	PC	1.00
007	V510.11-00-07	RING	PC	1.00
008	V510.11-00-08	BRAKING ROLLER	PC	1.00
009	ME315000.100	COMPRESSION SPRING, 1x5x15x8.5z	PC	1.00
010	ME315000.101	TORSION SPRING, 1.25x12	PC	1.00
011	ME321862.003	THREADED FASTENER, M8-18 WITH BALL AND SPRING	PC	1.00
012	ME311733.001	LOCK RING P 10 MZ	PC	1.00
013	ME311733.025	LOCK RING P 70	PC	1.00
014	ME309543.084	THREADED FASTENER, M 12X25	PC	1.00
015	ME309287.014	THREADED FASTENER, M 6X20	PC	1.00
016	ME309287.003	THREADED FASTENER, M 10X25	PC	2.00
017	ME311214.036	WASHER, P 6	PC	4.00
018	ME309543.120	THREADED FASTENER, M 6X22	PC	4.00
022	ME273110.015	O RING, P 53x2 NBR70	PC	1.00
023	ME307991.012	THREADED FASTENER, M 5X40	PC	2.00

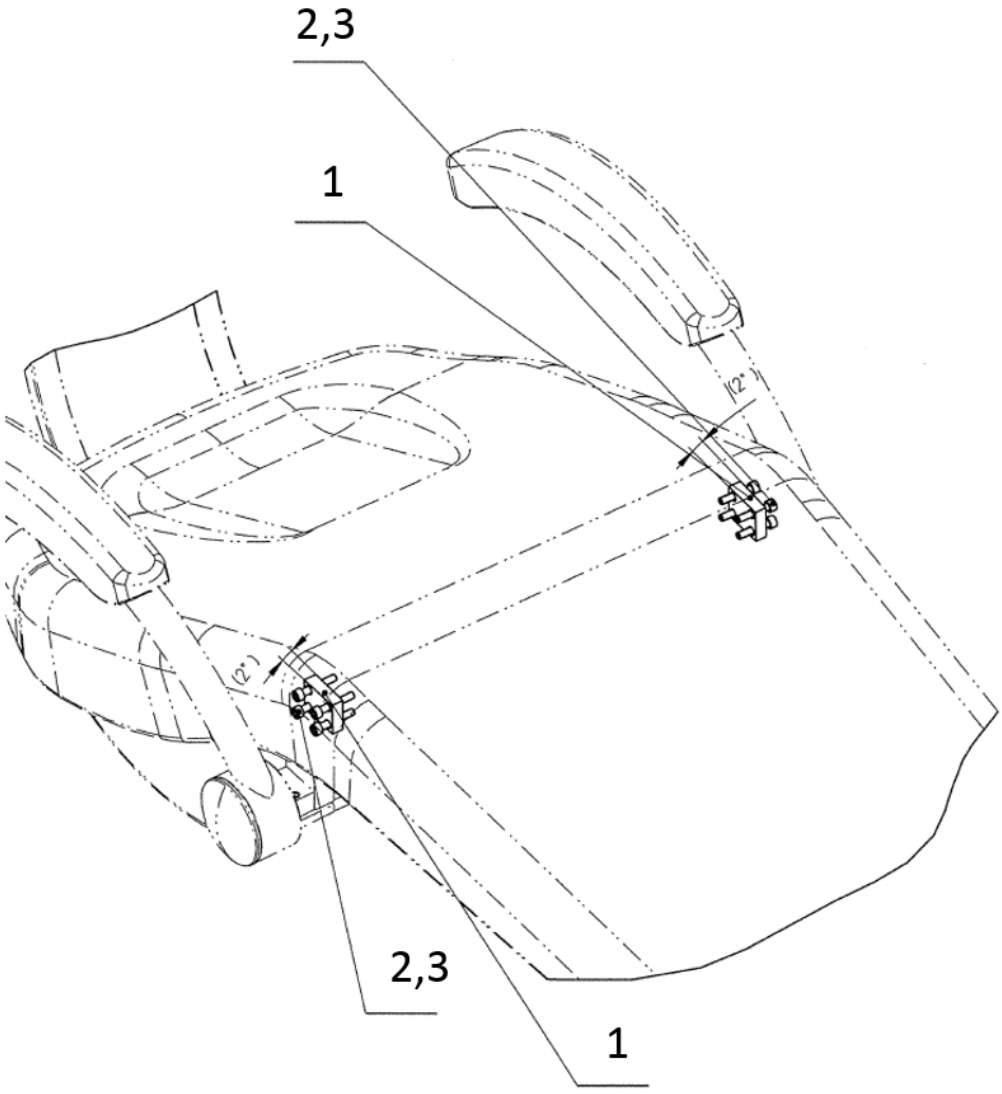
>> LEFT FIXED ARMREST - V510.05-00-00



Pos.	Item no.	Product name	Unit	Quantity
001	V510.05-01-00.3	REST, COMPLETE	PC	1.00
002	ME311214.036	WASHER, P 6	PC	4.00
003	ME309256.003	THREADED FASTENER, M 6X20	PC	4.00
005	ME307991.012	THREADED FASTENER, M 5X40	PC	2.00

Please specify a colour option for based on the available range of colour samples.

>> ARMREST ACCESSORY FOR WIDE SEATS - V515.00-17-00



Pos.	Item no.	Product name	Unit	Quantity
001	V515.00-17-01.S	ARMREST WEDGE	PC	1.00
002	ME309256.011	THREADED FASTENER, M 6x35	PC	4.00
003	ME309256.010	THREADED FASTENER, M 6x30	PC	4.00





>> PVC PROTECTION FOIL UNDER LEGS, TRANSPARENT

Foil for narrow seats

Item no.	Product name	Quantity
ME283000.117	PVC FOIL FOR NARROW SEATS, WITH SEAMS	2
ME283000.125	PVC FOIL FOR NARROW SEATS, SEAMLESS	2

Foil for wide seats

Item no.	Product name	Quantity
ME283000.126	PVC FOIL FOR WIDE SEATS, WITH SEAMS	2
ME283000.127	PVC FOIL FOR WIDE SEATS, SEAMLESS	2





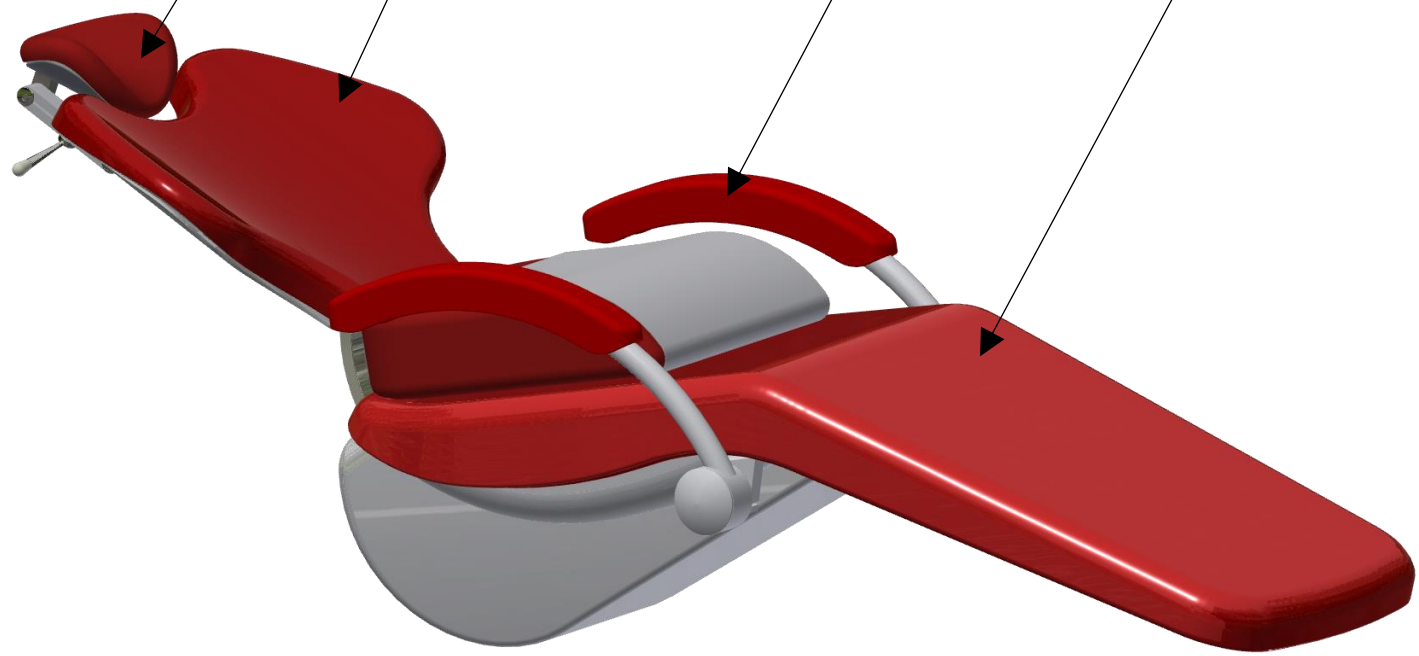
L3 - Upholstered and stitched parts

Armrest – front section	Stitching	Code
NARROW	SEAMLESS	ME288100.021
NARROW	WITH SEAMS	ME288100.024
WIDE	SEAMLESS	ME288200.021
WIDE	WITH SEAMS	ME288200.024

Seat	Stitching	Code
NARROW	SEAMLESS	ME288100.001
NARROW	WITH SEAMS	ME288100.004
WIDE	SEAMLESS	ME288200.001
WIDE	WITH SEAMS	ME288200.004

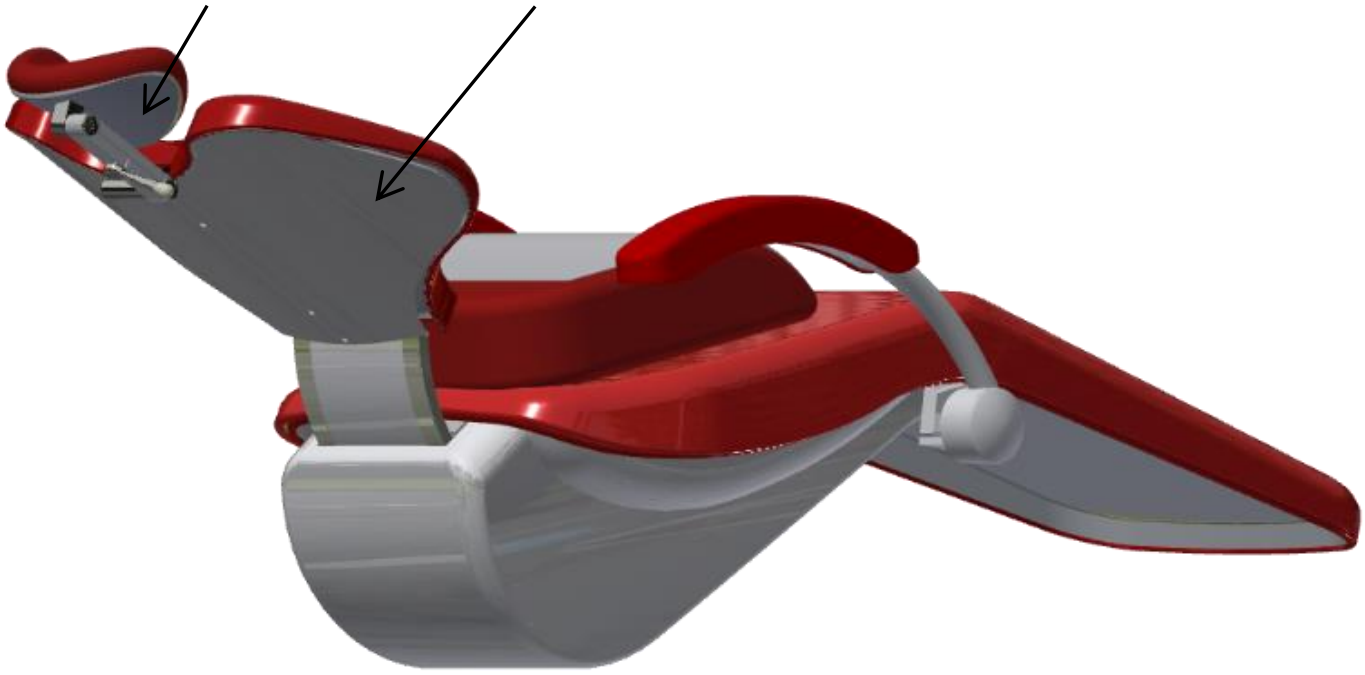
Headrest – front section	
Stitching	Code
SEAMLESS	ME288100.061
WITH SEAMS	ME288100.064

Armrest	
Stitching	Code
SEAMLESS	ME285000.916
WITH SEAMS	ME288200.050



Headrest - rear	
Stitching	Code
SEAMLESS	ME285000.917

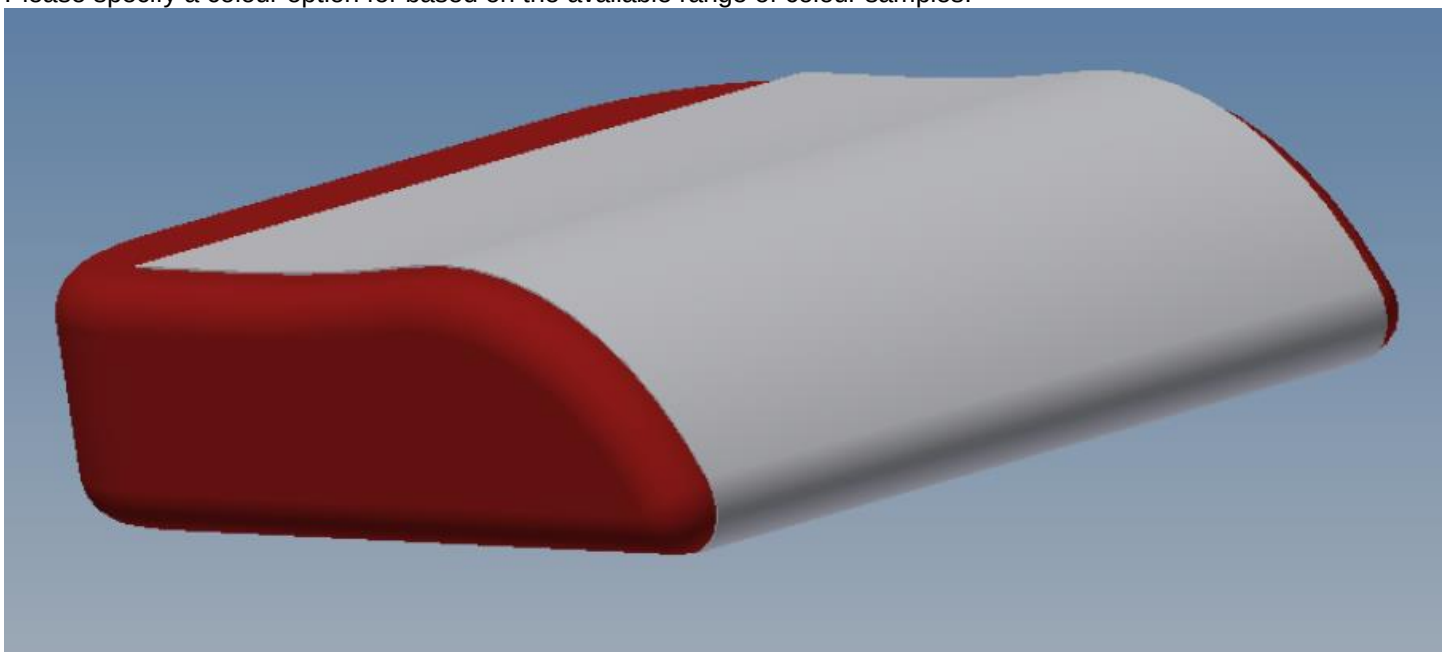
Backrest - rear	Stitching	Code
NARROW	SEAMLESS	ME288100.041
WIDE	SEAMLESS	ME288200.041



>> CHILDREN'S BOOSTER - ME283000.077

Item no.	Product name
ME283000.077	CHILDREN'S BOOSTER

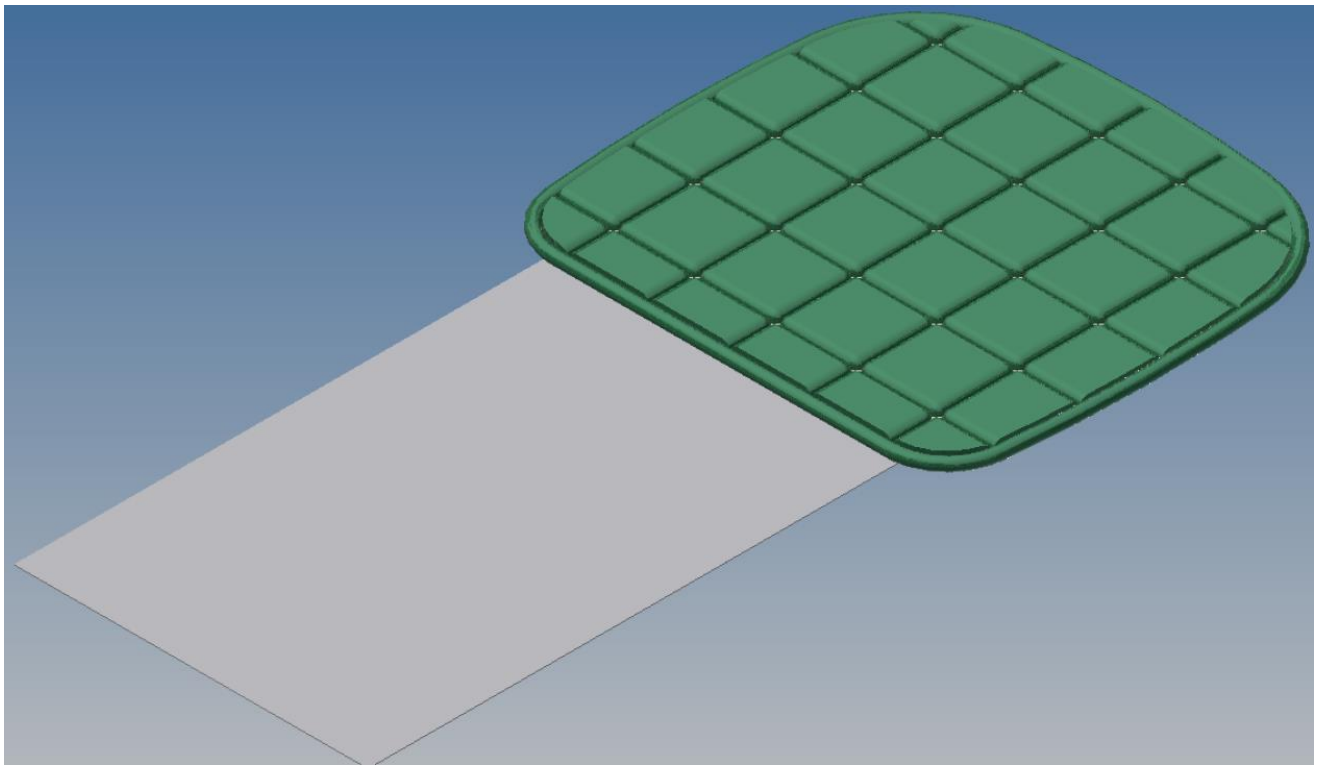
Please specify a colour option for based on the available range of colour samples.



>> PROTECTIVE BOOSTER

Item no.	Product name
ME285000.120	PROTECTIVE BOOSTER FOR NARROW SEATS
ME285000.122	PROTECTIVE BOOSTER FOR WIDE SEATS

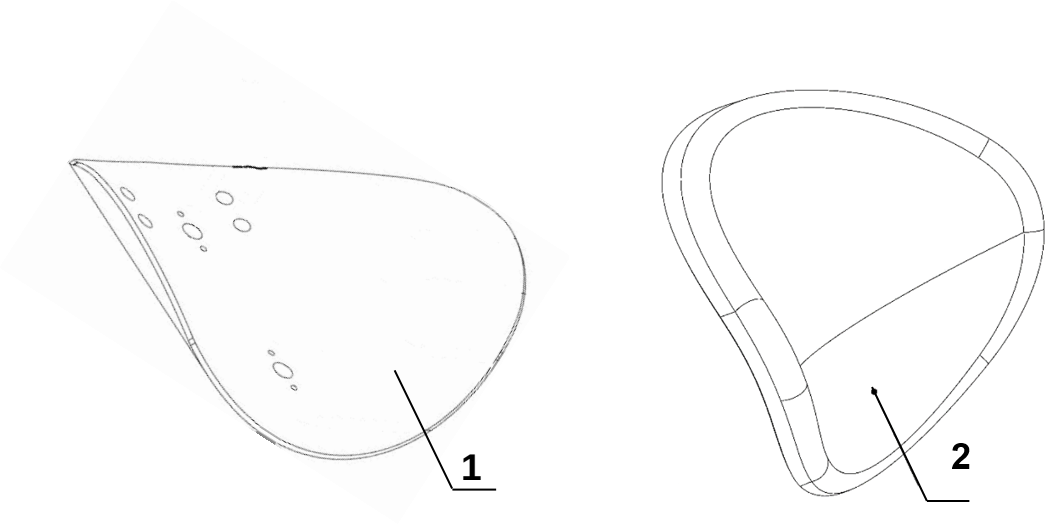
Please specify a colour option for based on the available range of colour samples.



L4 - Full Sets and Mounting Kits

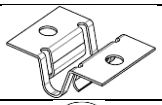
▶ HEADREST – Full Set

POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	▶ ME288100.061	UPHOLSTERY OF HEADREST, SEAMLESS – FRONT PART	PC	OPTION
001	▶ ME288100.064	UPHOLSTERY OF HEADREST, SEAMED – FRONT PART	PC	OPTION
002	▶ ME285000.917	UPHOLSTERY OF HEADREST, SEAMLESS – REAR PART	PC	1.00
003>>	▶ V690.01-69-00	KIT FOR JOINING OF FRONT AND REAR HEADREST PARTS	PC	1.00



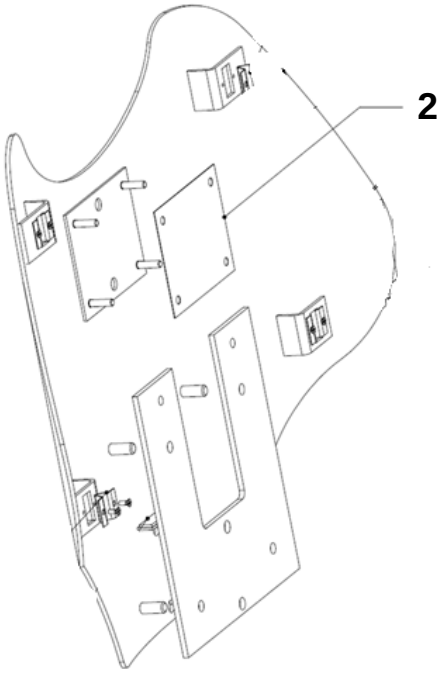
3

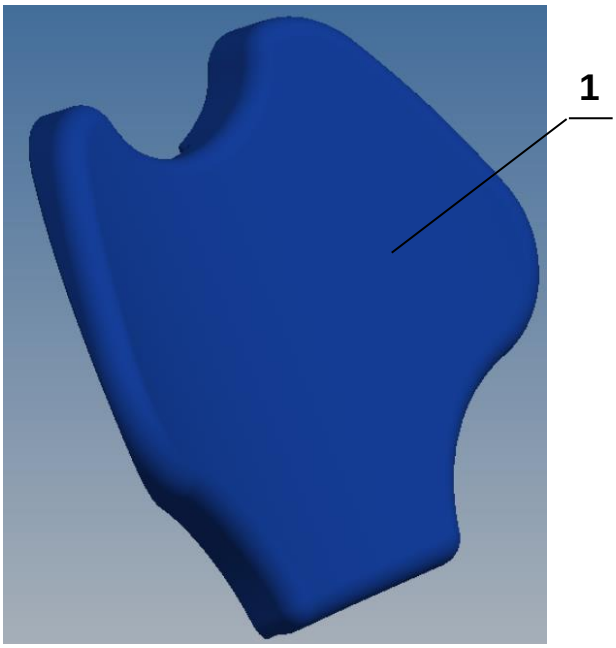
>>List of items for a headrest, contained in the mounting kit (V690.01-69-00):

ITEM NAME	UNIT	QTY	VIEW
WASHER P 4,3	PC	2.00	
ADAM PUSH-PULL FASTENER R 9619	PC	2.00	
SCREW M 3X12	PC	4.00	
EVE PUSH-PULL FASTENER CHIPIE 190303-0,5	PC	2.00	
SPACER STANDOFF WASHER	PC	4.00	

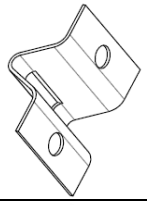
▶ BACKREST – Full Set

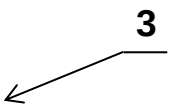
POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	▶ ME288100.021	BACKREST STANDARD WIDTH, SEAMLESS – FRONT PART	PC	OPTION
001	▶ ME288100.024	BACKREST STANDARD WIDTH, SEAMED – FRONT PART	PC	OPTION
001	▶ ME288200.021	BACKREST WIDE, SEAMLESS – FRONT PART	PC	OPTION
001	▶ ME288200.024	BACKREST WIDE, SEAMED – FRONT PART	PC	OPTION
002	▶ ME288100.041	BACKREST STANDARD WIDTH, SEAMLESS – REAR PART	PC	OPTION
002	▶ ME288200.041	BACKREST WIDE, SEAMLESS – REAR PART	PC	OPTION
003>>	▶ V690.01-68-00	KIT FOR JOINING OF FRONT AND REAR BACKREST PARTS	PC	1.00





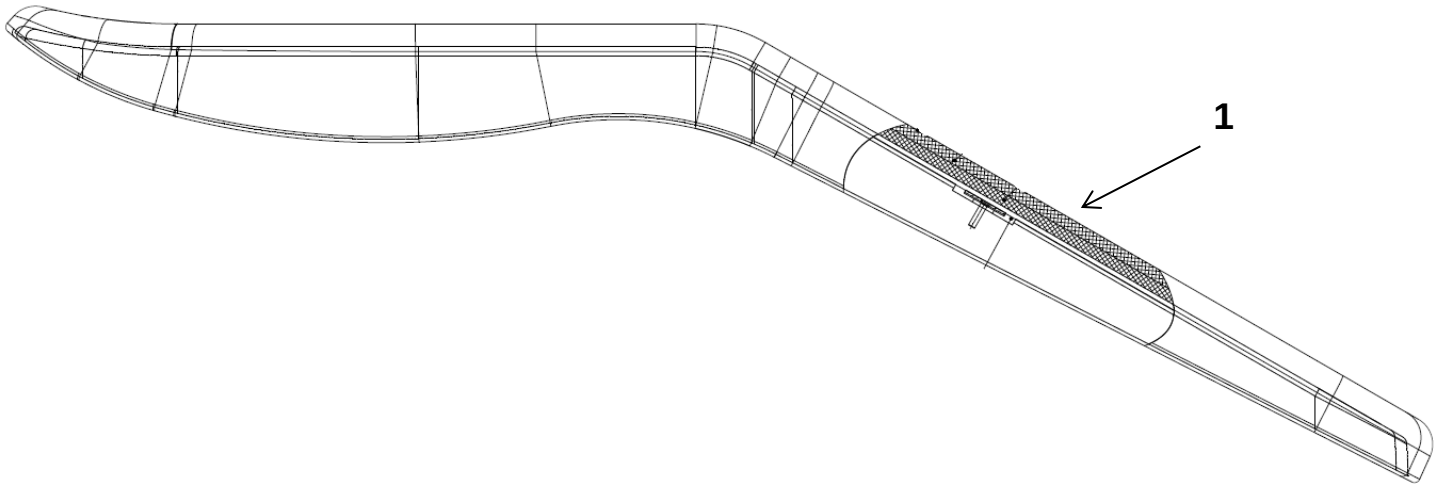
>>List of items for a backrest, contained in the mounting kit (V690.01-68-00):

ITEM NAME	UNIT	QTY	VIEW
EVE PUSH-PULL FASTENER CHIPIE 190303-0,6	PC	4.00	
SCREW M 3X8	PC	8.00	
ADAM PUSH-PULL FASTENER R 6840	PC	4.00	
WASHER P 5,3	PC	4.00	

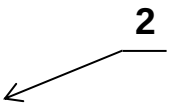


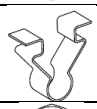
▶ SEAT – Full Set

POS.	ORDER CODE	ITEM NAME	UNIT	QTY
001	▶ ME288100.001	SEAT STANDARD WIDTH, SEAMLESS	PC	OPTION
001	▶ ME288100.004	SEAT STANDARD WIDTH, SEAMED	PC	OPTION
001	▶ ME288200.001	SEAT WIDE, SEAMLESS	PC	OPTION
001	▶ ME288200.004	SEAT WIDE, SEAMED	PC	OPTION
002>>	▶ V690.01-67-00	KIT FOR JOINING OF SEAT WITH CHAIR FRAME	PC	1.00



>>List of items for a seat, contained in the mounting kit (V690.01-67-00):



ITEM NAME	UNIT	QTY	VIEW
WASHER P 5,3	PC	4.00	
ADAM PUSH-PULL FASTENER	PC	4.00	
EVE PUSH-PULL FASTENER RAPID C 4434-07	PC	4.00	
NUT M 6	PC	1.00	
WASHER P 6,4	PC	1.00	

Q - Assembly and installation

To ensure the dental unit meets the user's expectations:

- installation, set-up and commissioning should be performed by a qualified and authorised service technician from an organisation certified to conduct these activities
- the electrical installation must be completed in compliance with the valid regulations of the country in which installation is performed
- use the dental unit in accordance with its operating manual.

PRE-INSTALLATION REQUIREMENTS

Pre-installation and installation must be performed in accordance with the valid standards in the country of installation and valid documentation provided by the manufacturer, which is available from any authorised DIPLOMAT DENTAL s.r.o. representative.

WARNING!

	Do not install this equipment in any environment with an explosion hazard!
	An authorised service technician must ensure the electrical wiring is completed in accordance with the local country's legislation before installation.
	To prevent the risk of electrocution, this equipment must be connected to an electrical system with a protective ground.
	Do not modify this equipment without permission from the manufacturer.

Water

Potable water must be supplied at a pressure from **0.3 MPa** to **0.6 MPa** with flow of more than 5 litres per minute and filtered to remove any particulate larger than **50 µm**, which may plug the small diameter fittings inside this dental unit.
Water containing particulate larger than **50 µm** must be equipped with an upstream **50 µm** filter.
Water hardness must be less than 2.14 mmol per litre.
pH must be within a range of 6.5 to 8.5.
Maximum water conductivity is up to 2000 µS/cm.
The water must comply with local regulations concerning potable (drinking) water.

Cooling instruments from a central manifold

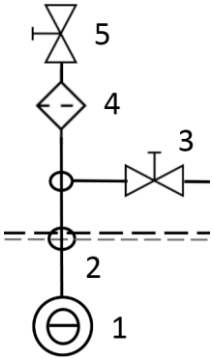
- A shut-off valve is installed to connect the equipment to a central water manifold.
  and a check valve to prevent the water from back flowing into this system.

Requirements and recommendations:

- If water from a central system is used for cooling instruments, a solid particulate filter rated for **5 µm** must be installed at the water inlet to the unit.
- Hard water may result in malfunction of the dental unit.
  If the water contains more than **50 mg CaO/l** or **36 mg MgO/l**, a water softening station must be installed at the water manifold inlet. Hard water may result in malfunction of the dental unit. A water softener is required if distilled water is not used.
- If there is a need to install a sampling point for supply water, the following schematic shows the recommended point of installation for such supply water sampling purposes.

This equipment is not included with the dental unit.

Connection schematic for dental unit inputs (EN ISO 7494-2)



1 - water inlet from the external potable water source
2 - water inlet connection port
3 - water inlet sampling port
4 - water filter for solid particulate
5 - manual inlet valve

Air
A minimum of **55 l/min.** of clean, oil-free, dry compressed air must be supplied at a pressure of **0.45 to 0.8 MPa**.

Vacuum (if equipped with a spittoon block with large and small aspirators)
Static vacuum must be within a range of min. 0.005 MPa (50 mbar) to max. 0.02 MPa (200 mbar) measured at the point of installation. If static vacuum is higher than 0.02 MPa, a calibration (regulator) valve must be connection into the vacuum line to restrict the vacuum to a maximum of 0.02 MPa. This regulator valve is not included with the dental unit. The vacuum unit must supply flow of min. 450 Nl/min. measures at the point of installation.

Drain
The drain line must have a continuous slope of min. **1%** with minimum flow of 10 l/min. and must be free of any sharp bends or segments that could result in reverse flow. **Do not use the same drain segment shared with another dental unit or basin!** Polypropylene or hardened polyethylene piping may be used.

Note



If the regulations in the country of installation require that an amalgam trap be installed, a dental unit with a spittoon block without an amalgam trap must be connected to an external amalgam trap. The external amalgam trap installation must comply with its manufacturer's instructions.

FLOORING
The floor must be supported by a concrete foundation min. 100 mm thick. Floor slope is limited to max. 1%.
Anti-static flooring is preferred.

OPERATING REQUIREMENTS

Parameter	Value from	Value to
Ambient temperature	+10 °C	+40 °C
Relative humidity	30%	75% non-condensing humidity
Atmospheric pressure	700 hPa	1060 hPa
Elevation	≤ 3000 m	

STORAGE
- The dental unit may be stored in an enclosed, dry storage location and may not be subjected to sudden changes in temperature.
- The unit may be stored in a maximum of three levels.
- Unpainted surfaces must be preserved to prevent corrosion.
- Dental units may not be stored together with chemicals.

Storage conditions		
Parameter	**From**	**To**
Ambient temperature	-25 °C	+50 °C
Relative humidity	5%	95% non-condensing humidity
Atmospheric pressure	700 hPa	1060 hPa

Electrical system requirements
Mains current protection device rating
The recommended current protection device rating at the mains is 16 A (and a type C circuit breaker when a circuit breaker is used). No other equipment may be connected to the same circuit. The dental unit is rated for a maximum of 1900 VA. The electrical connection must comply with all national standards.

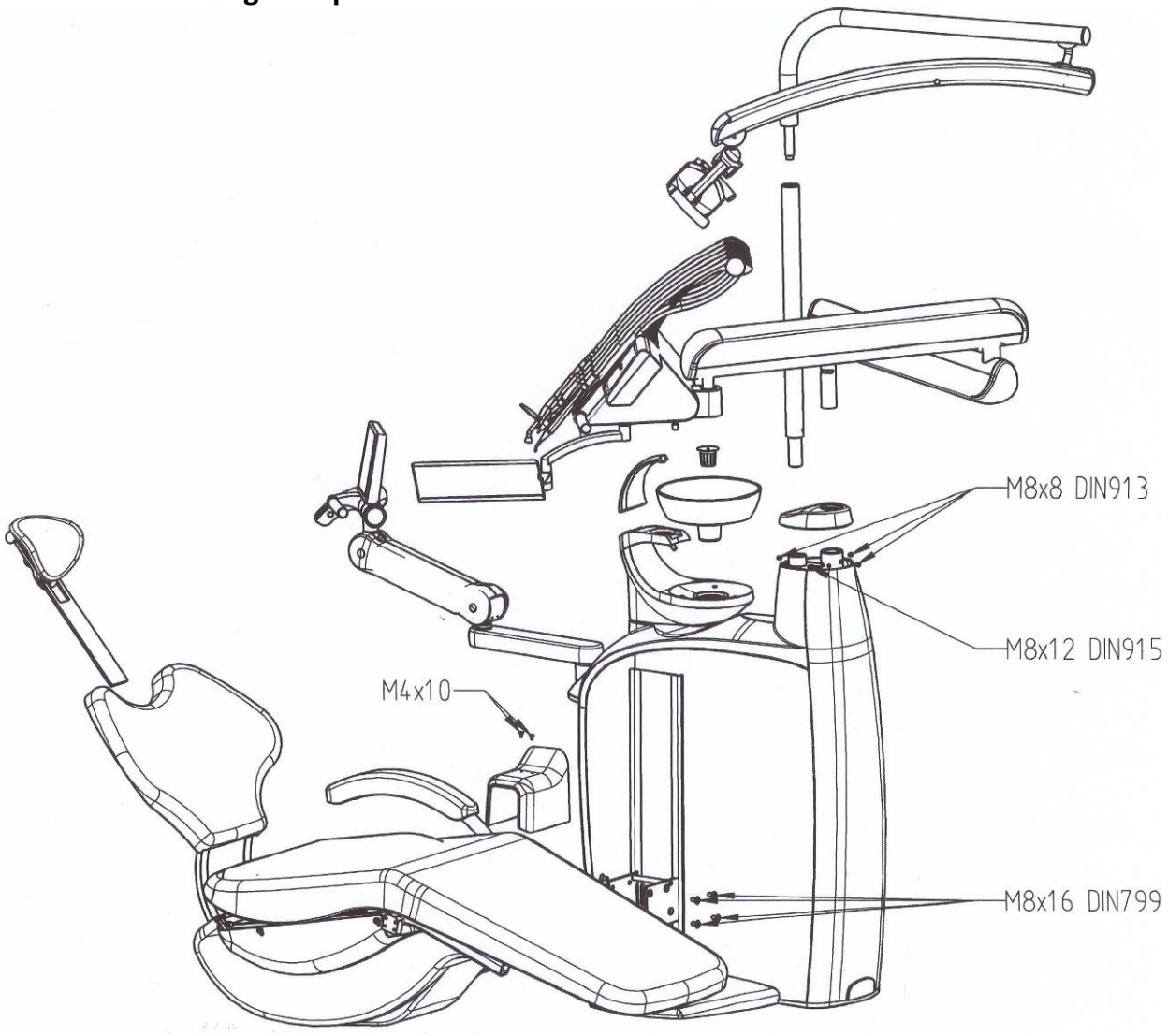
Recommendations
Unless the national standard stipulates otherwise, the manufacturer recommends using a current protection device with a sensitivity of 30 mA and instantaneous disconnection.
Once the pre-installation requirements are met, the dental unit is then assembled and installed and connected to related utility services.

Unpacking the assembly and inspecting the delivery
Check to ensure the shipping packaging is intact. If a defect in the packaging is identified, do not open the consignment and immediately report the problem to the carrier or seller. Carefully remove the packaging if the consignment is intact and unpack the individual parts of the dental unit. Check to ensure the consignment is complete based on the provided completion sheet.



Installation must be completed by a service technician with a valid certificate, otherwise the warranty will be void. The warranty form must be completed and sent in to the manufacturer or the seller.

Procedure for assembling the spittoon block



The spittoon block must be mounted to the floor or an installation plate using the provided anchoring components and threaded fasteners. Set the spittoon block into a level position using the provided spacers. Connect to utility services with hoses **following the water and air connection schematic and the schematics for connecting the water, air, vacuum and drain lines.**

Route the wiring harness and bundle of hoses to the articulated table arm through the post of the spittoon block. Insert the articulated table arm stud into the arm holder in the post of the spittoon block and secure with the stop screw and the two brake screws. Connect the hoses based on the **water and air connection schematic.** Route the articulated light arm wires through the articulated light arm holder and the arm holder in the post of the spittoon block into which the articulated light arm holder is installed and the actually articulated light arm itself. Secure the articulated light arm holder in place with a threaded fastener. Remove the brake components from the installation kit and install them into the articulated light arm holder. Connect the wires for the articulated table arm and the articulated light arm to the corresponding terminals per the electrical schematic.

If the order includes an **LCD** monitor, install the monitor arm onto the articulated light arm holder before installing the articulated light arm itself. Insert the rotating element into the monitor arm and secure with a nut. Then pull the monitor power cord and other intra oral camera wiring and the PC wiring harness through this assembled unit. Insert the wiring harness into the spittoon block post and then insert the complete articulated light arm holder with the monitor arm and insert them onto the post and secure with a nut. Install the **LCD** monitor onto the rotating element console. Connect the wires per the corresponding schematic.

If the order includes a storage tray, install it on the articulated light arm holder.

The chair section is then connected to the spittoon block and then secure with threaded fasteners. Then route the flat wire through the hollow arm in the chair to the corresponding terminals and connect following the electrical schematic.

After installing the backrest into the working position, install the headrest and then the right folding armrest. Install the cover on the arm (on the chair section carrier) and slip on the seat cover for the legs and feet.

Then place the base cover on the base of the unit.
Install the instruments at the dentist's control panel and the assistant's table in order following the order.

Connect the foot controller connector to the connector per the illustration:

Then:

- turn on the compressor and allow the air pressure to increase
- open the central water supply
- turn on the vacuum unit
- turn on the main switch (see the illustration – **I** position,



The unit is connected to the water and air supply connections. **The unit is ready for use once the three short audible beeps are heard**. If an electric water heater is installed on the cup filler on the dental unit, wait approximately 10 minutes to allow the water to warm to the required temperature. When turning on the unit, it is recommended to leave the instruments and foot controller in their idle position and not press any keys on any keypads.

Warning

- The dental unit must always be connected to a grounding terminal (grounding)
- Do not forget to ground the frame of the chair unit with a copper wire with a minimum gauge of 4 mm²

Warning

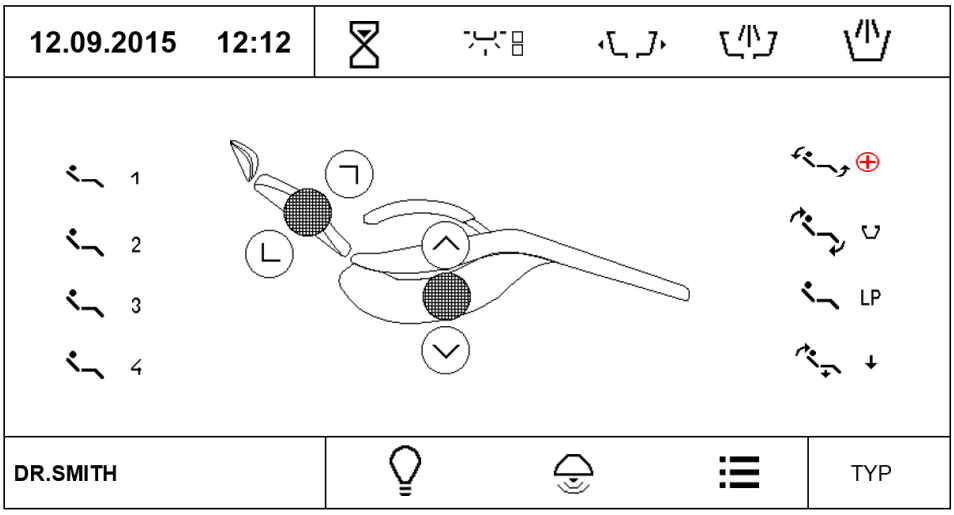
If a base (installation) plate was installed, we recommend insulating this plate with a bead of transparent silicone adhesive against the floor.
If not insulated with silicone adhesive, damage may result from cleaning agents and the manufacturer may not honour related claims.

COMMISSIONING THE DENTAL UNIT

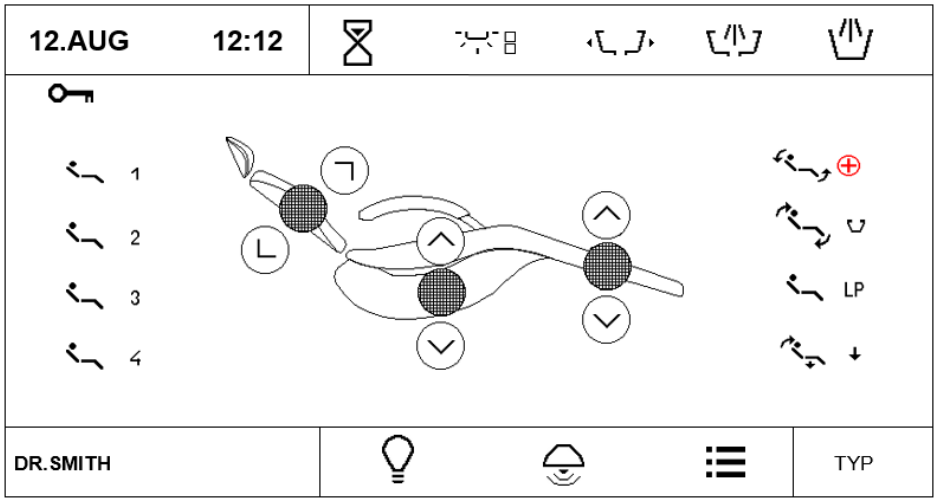
- turn on the compressor and allow the air pressure to increase
- open the central water supply
- turn on the vacuum unit
- check to ensure the instruments are in their proper positions
- turn on the main switch, thereby activating the main switch indicator and the start-up screen on the display



The main screen then appears:
Main screen **DA270/DA280:**

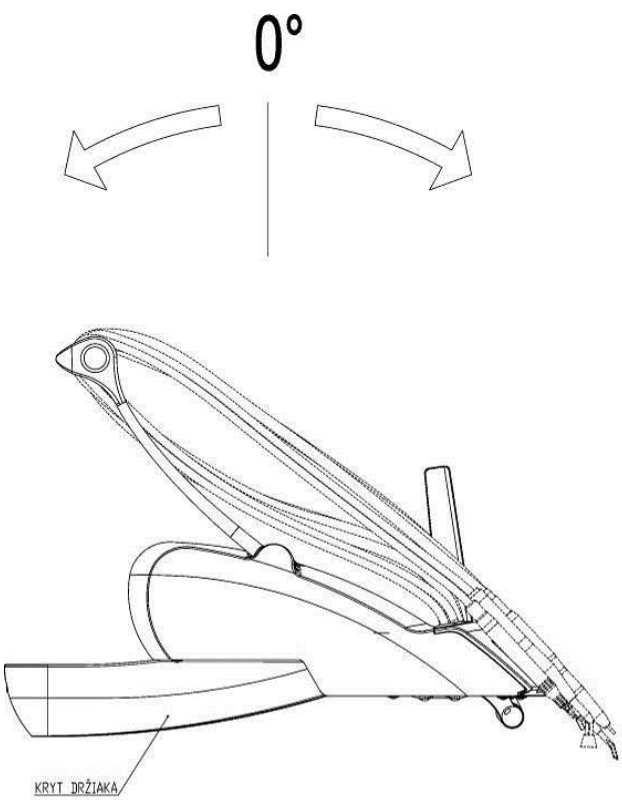


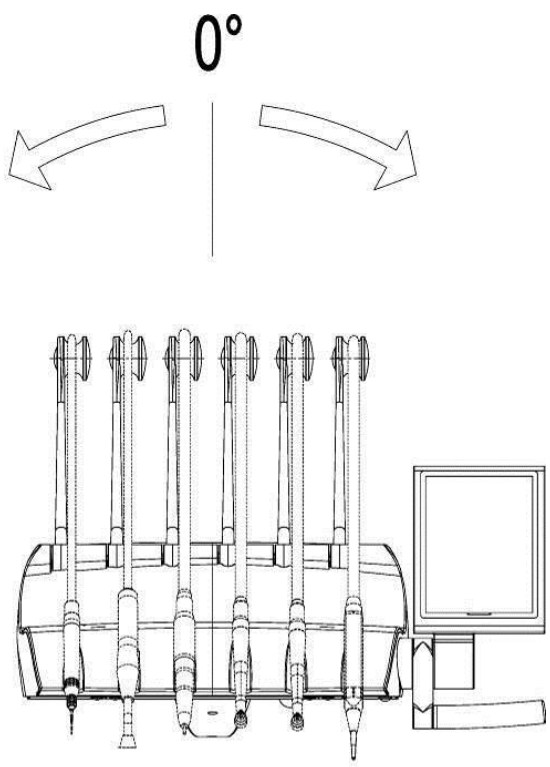
Main screen **DA370/DA380:**

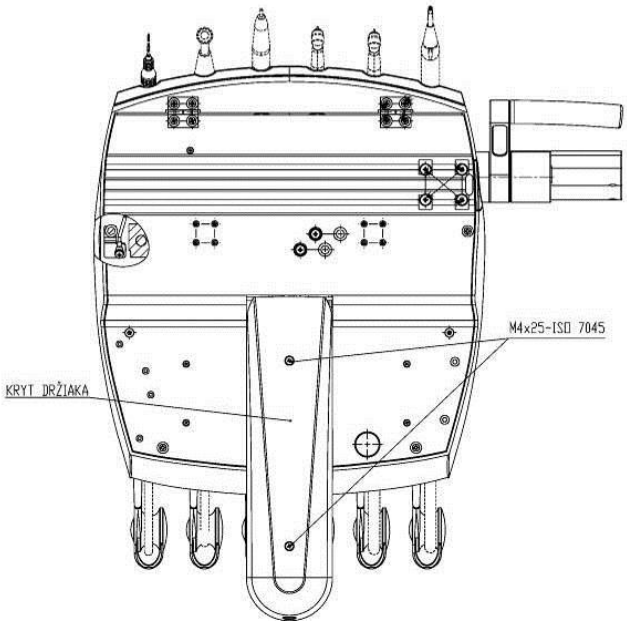


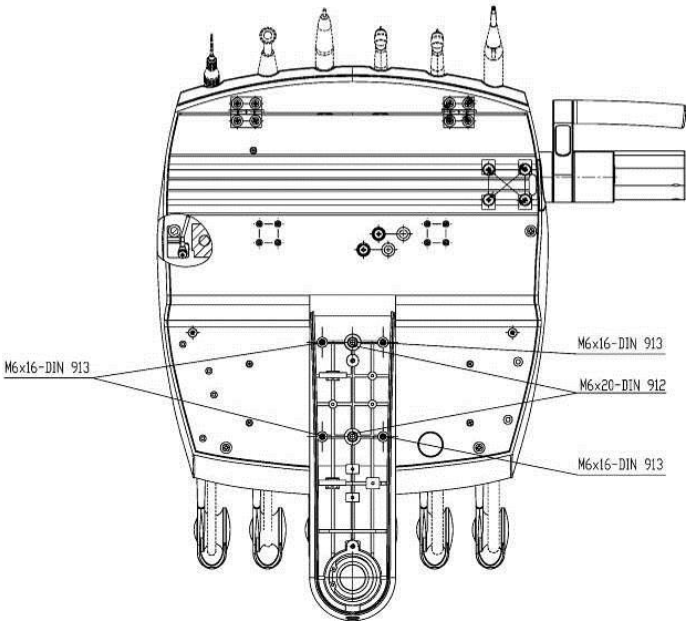
The unit is connected to the water and air supply connections. **The unit is ready for use once a short-long audible tone is heard**. If an electric water heater is installed on the cup filler on the dental unit, wait approximately 10 minutes to allow the water to warm to the required temperature. When turning on the unit, it is recommended to leave the instruments and foot controller in their idle position and not press any keys on any keypads.

LEVELLING THE DENTIST'S CONTROL PANEL:

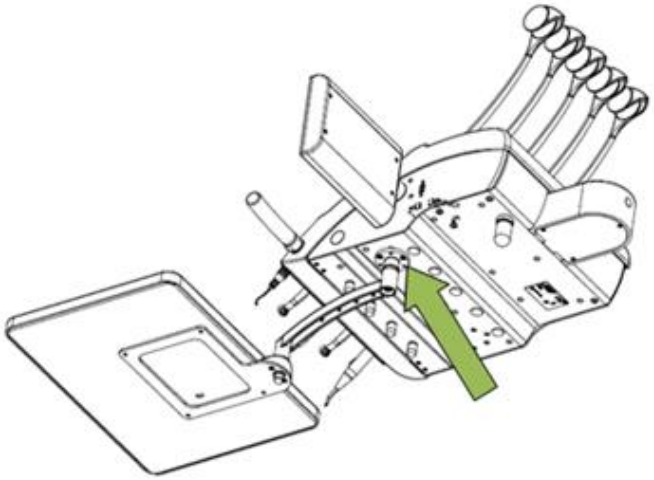


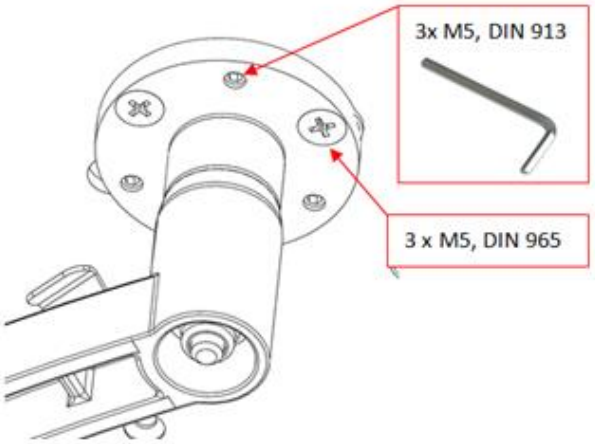


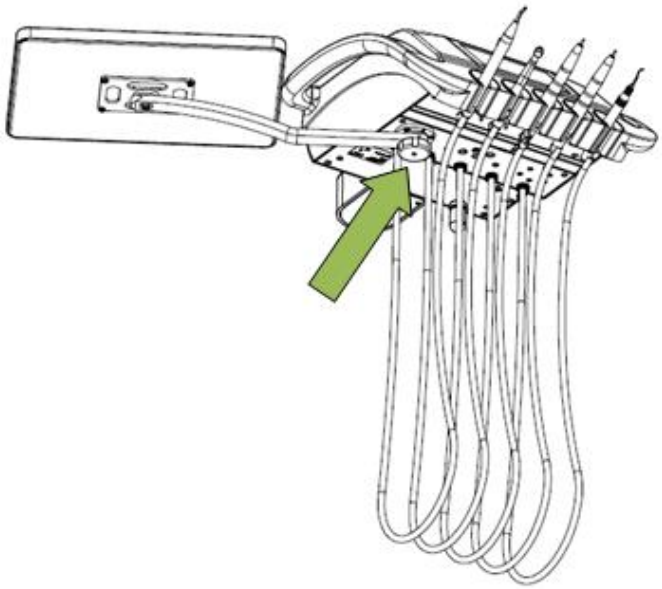


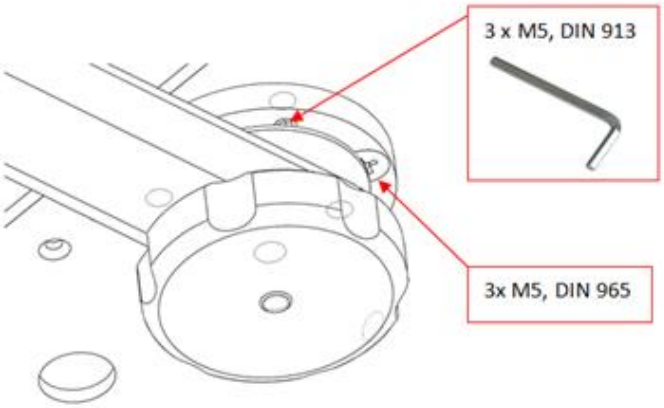


ADJUSTING THE HORIZONTAL POSITION OF THE TRAY TABLE

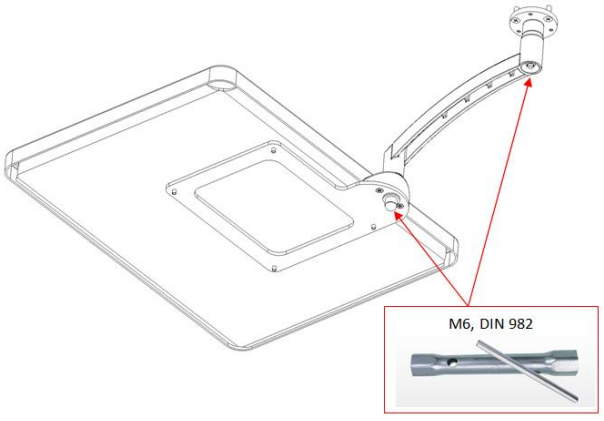


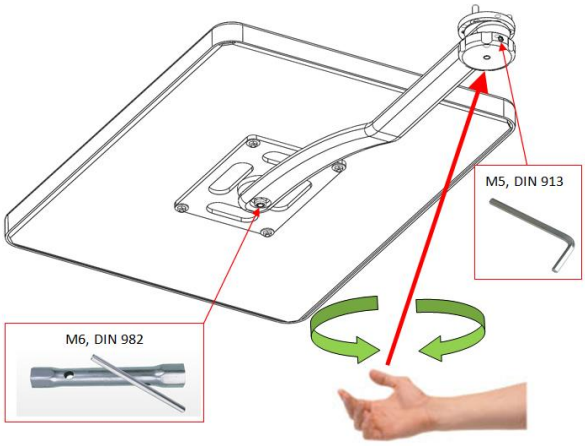




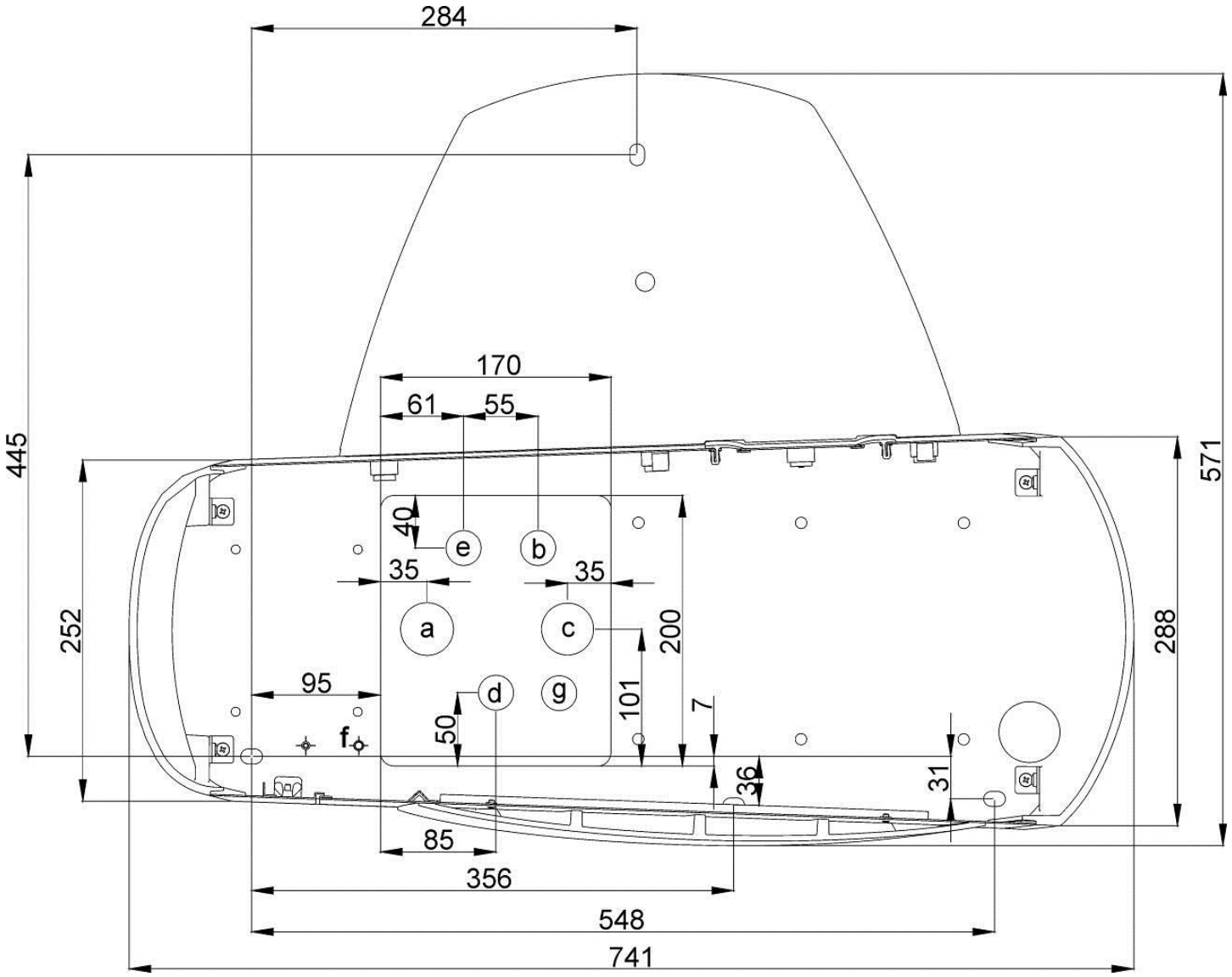


ADJUSTING THE TRAY TABLE BRAKE





INSTALLATION PLAN FOR DIPLOMAT ADEPT DA270, DA370, DA280, DA380



a - PVC water drain fitting, Ø 32 mm, 30 mm above floor level
b - 1/2" water supply line (PVC, Cu) terminated with a G1/2” internal thread (female) fitting, 20 mm above floor level
c - PVC vacuum fitting, Ø 32 mm, 30 mm above floor level
d - MONOFLEX-PVC electrical conduit (Ø21):
3 x 2.5 mm^2 Cu power cord, (length above floor level: 1000 mm)
grounding wire, CY 1x4 – GNYE (green and yellow)
e - 3/8” compressed air line (PVC, Cu) terminated with a G3/8” external thread (male) fitting
g - MONOFLEX-PVC electrical conduit (Ø16):
2 x 1 mm² Cu vacuum controls,
door controls, bell ... 2 x 0.5 mm² Cu – if connected

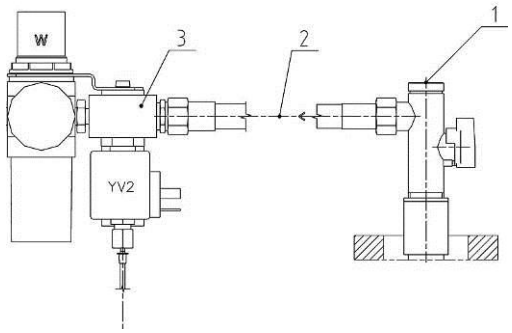
NOTE

Materials used to provide utility services to the dental unit must comply with the specifications of the EN ISO 7494-2 standard

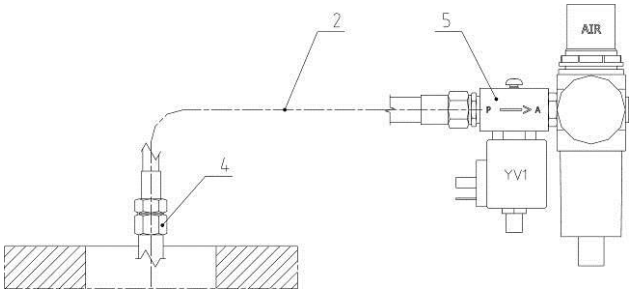
WATER, AIR, VACUUM AND DRAIN CONNECTIONS

Connection with a water pressure regulator: Install a G1/2 (**1**) angle valve with filter into the water supply line and connect the YV2 solenoid valve (**3**) using the hose with fittings (**2**) and seal (the gasket is part of the hose). Seal the threads on the angle valve using Teflon tape. Air pressure regulator with vent: Connect the compressed air supply line **(4)** with the YV1 solenoid valve **(5)** using the hose with fittings **(2)** and seal (the gasket is part of the hose).
Use adhesive to affix the PVC drain fitting (**6**) to the PVC drain tail-piece with a sealing ring (**7**), into which the drain and vacuum pipe is inserted **(9).**

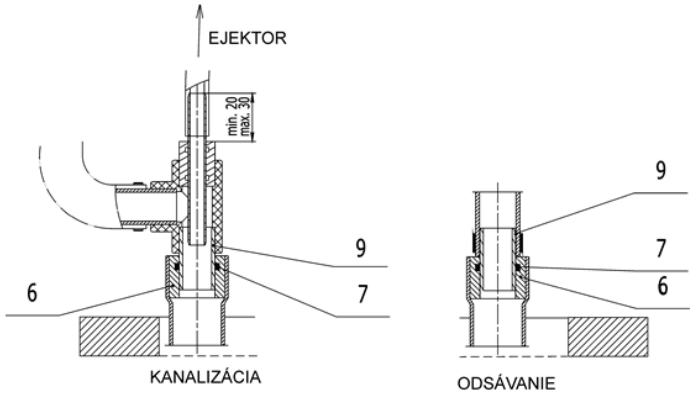
Version with water pressure regulator



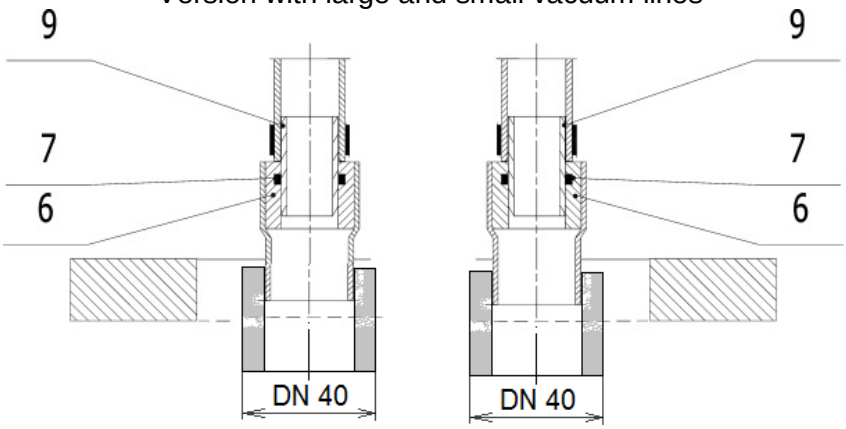
Air pressure regulator with condensate vent



Version with ejector

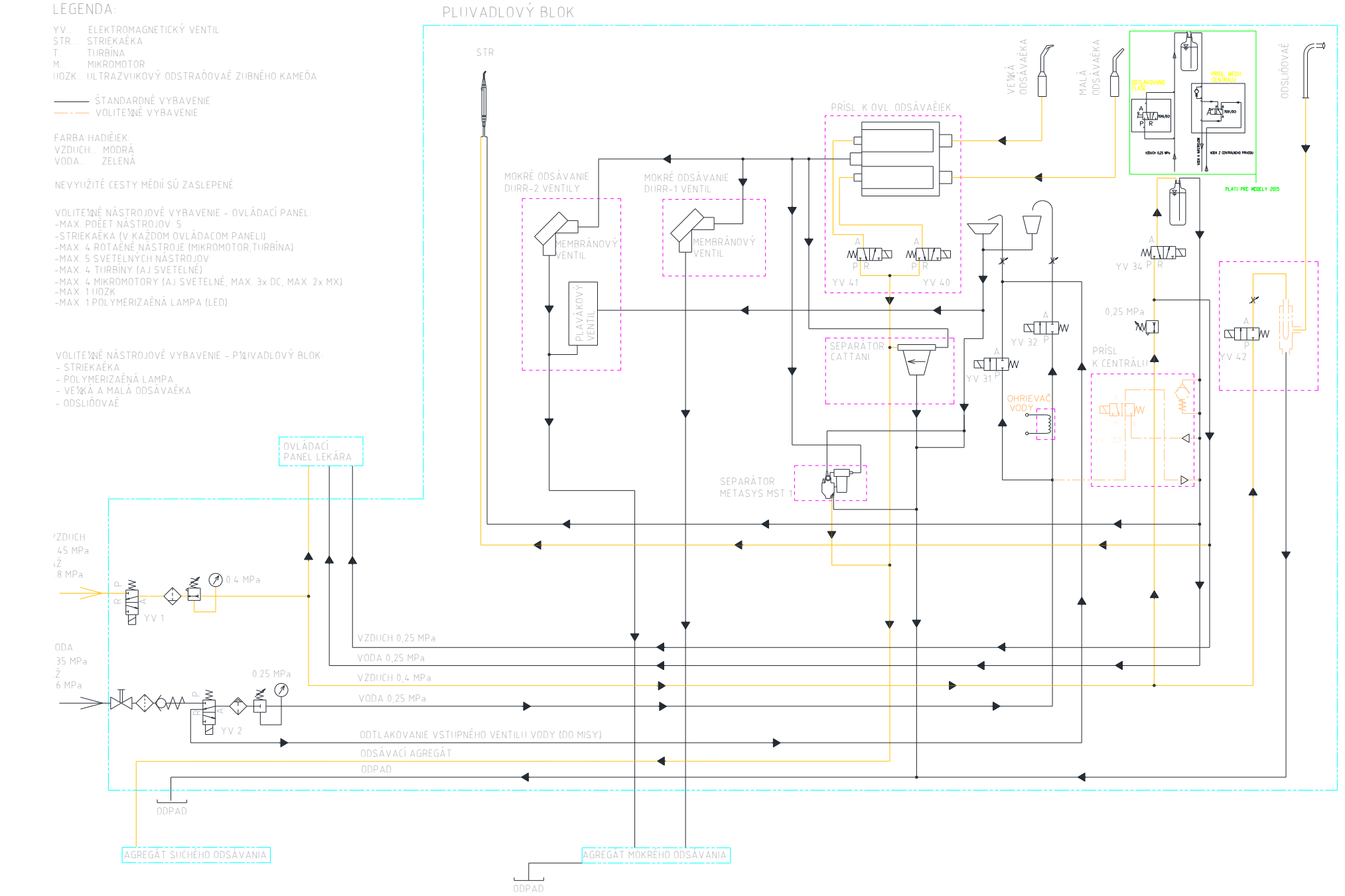


Version with large and small vacuum lines

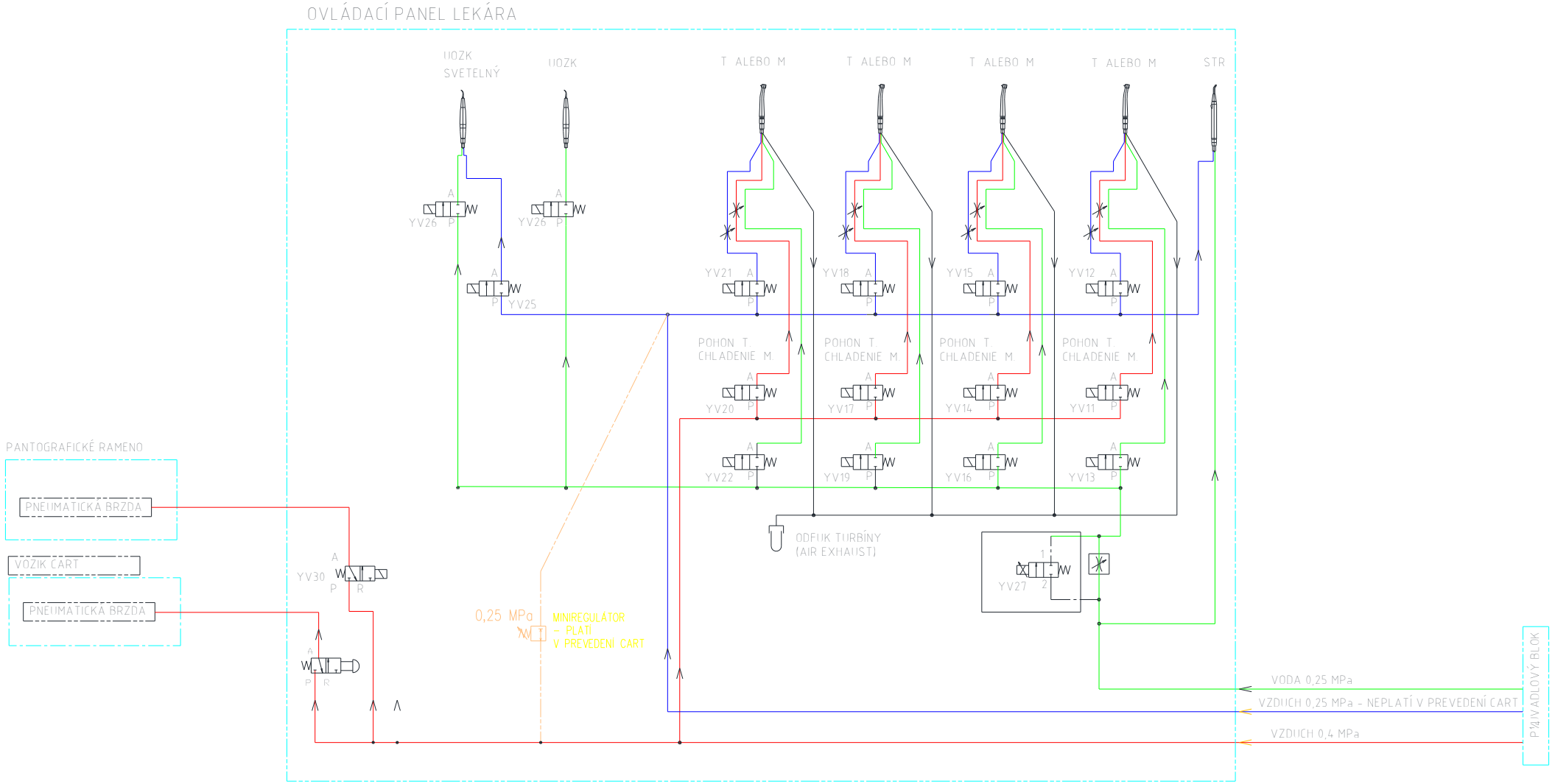


1. G1/2” ANGLE VALVE WITH FILTER
2. G3/8” FLEXIBLE HOSE
3. SOLENOID VALVE WITH WATER PRESSURE REGULATOR
4. G3/8” AIR SUPPLY LINE (NOT INCLUDED)
5. SOLENOID VALVE WITH AIR PRESSURE REGULATOR
6. WASTE TAIL-PIECE
7. O-RING
9. PIPE

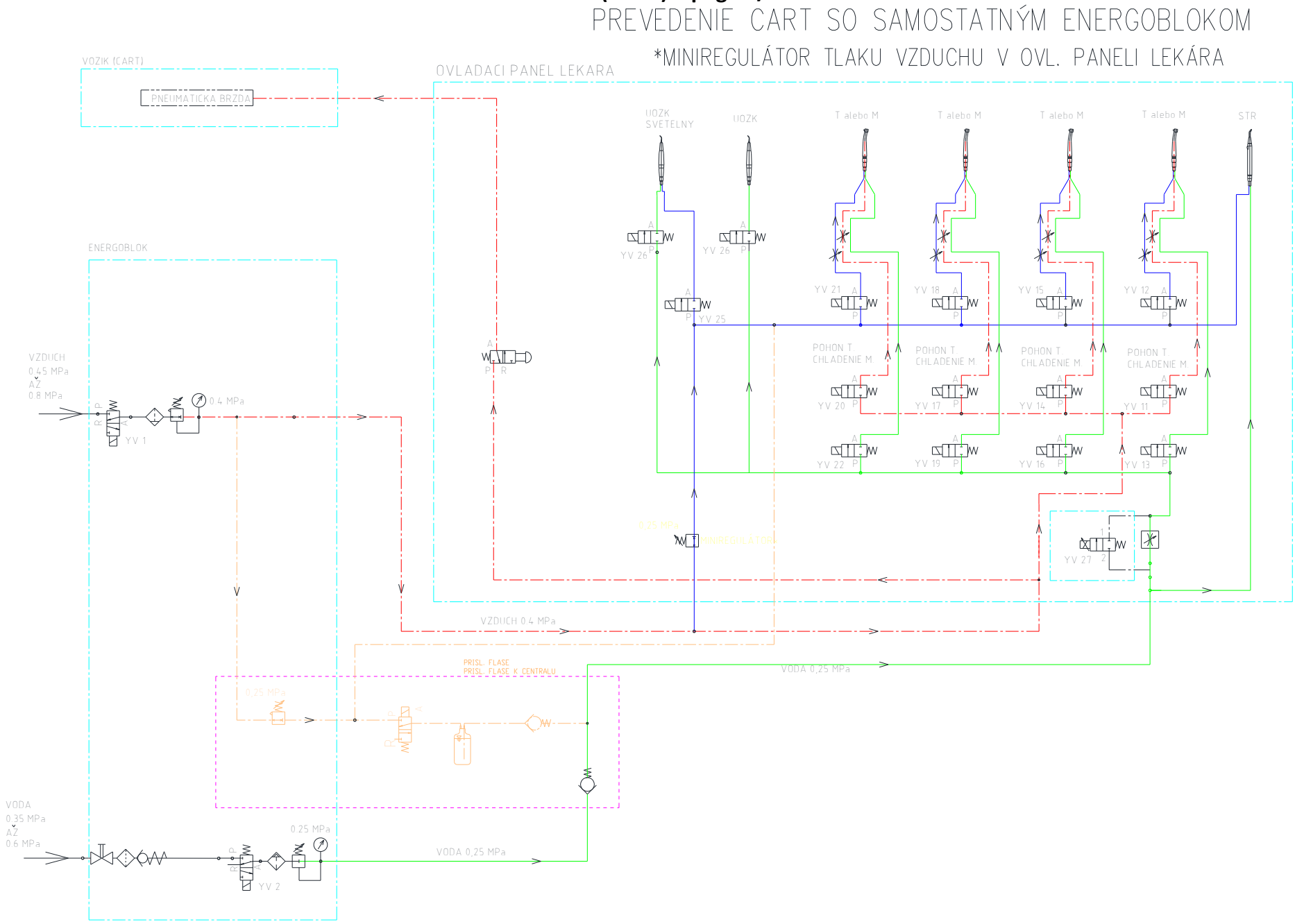
WATER AND AIR CONNECTION SCHEMATIC - V623.00-00-20 (SPITTOON BLOCK) – page 1/3



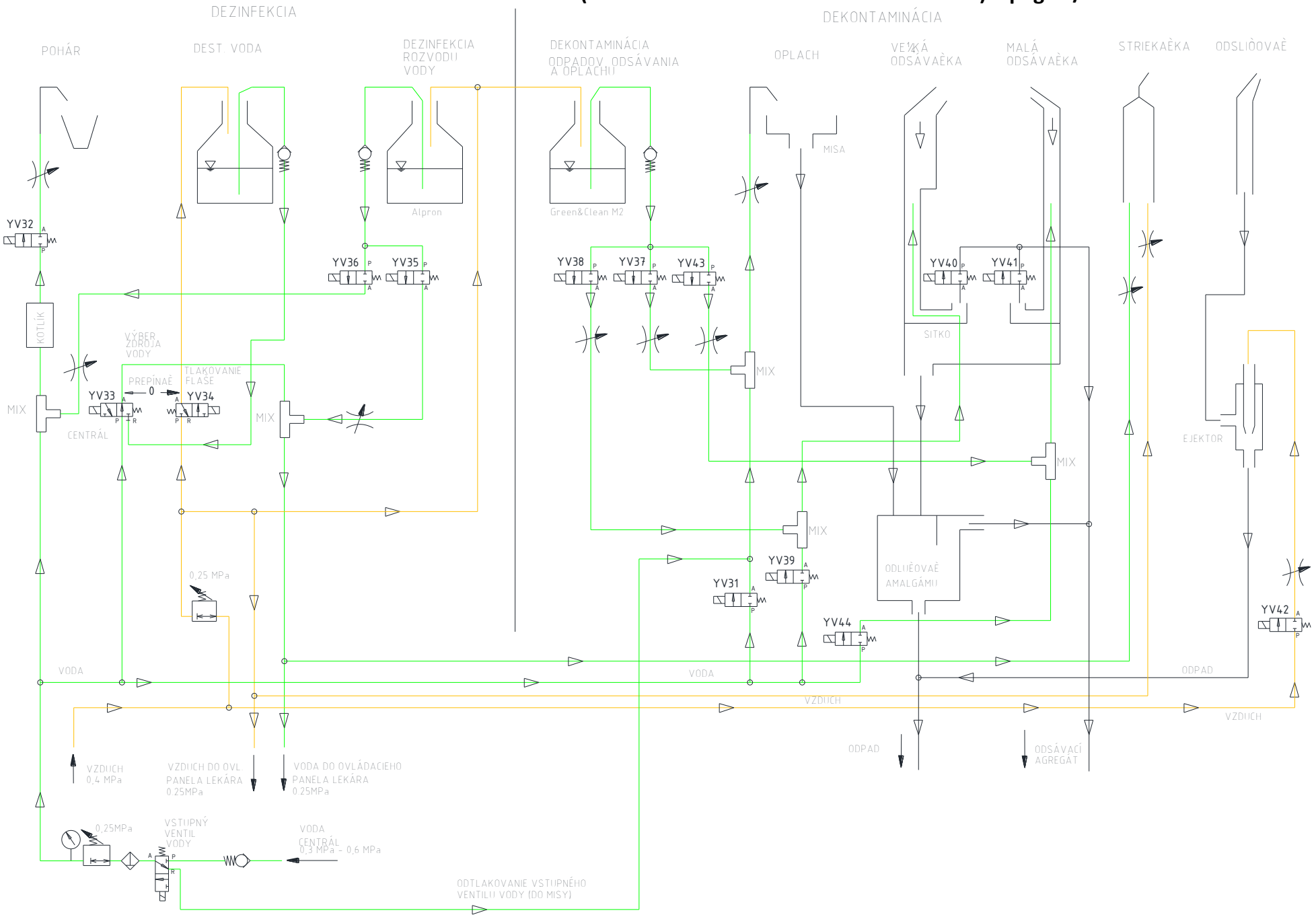
WATER AND AIR CONNECTION SCHEMATIC - V623.00-00-20 (INSTRUMENT PANEL) – page 2/3



WATER AND AIR CONNECTION SCHEMATIC - V623.00-00-20 (CART) – page 3/3



WATER AND AIR CONNECTION SCHEMATIC - V631.67-00-50 (DISINFECTION AND DECONTAMINATION) – page 3/3

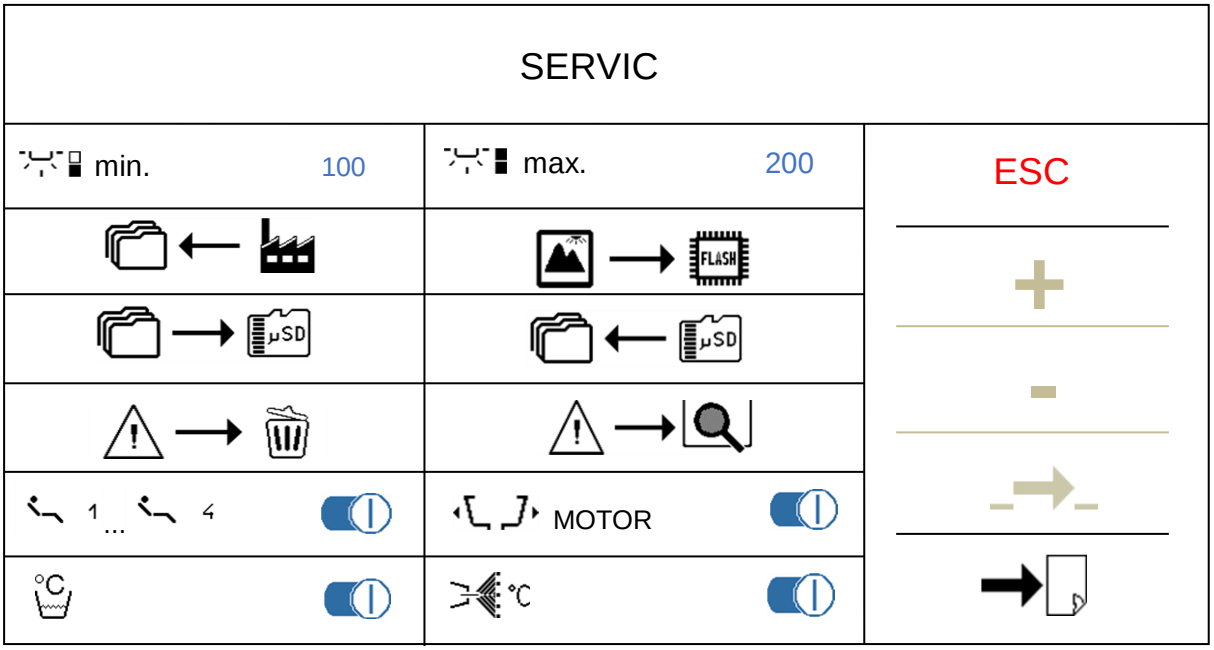


R - Service settings, Electrical connections, Schematics

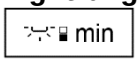
R1 - Service settings

General service settings

A password is required to access SERVICE / PRODUCTION in the SETTINGS menu.
The service password is “6666”.
The service setting screen appears once the password is added:

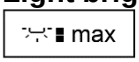


Light brightness adjustment button at low brightness. (8000 lx)



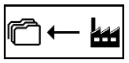
Press the button to enter into the settings to change the value shown in red. Use the +/- buttons to change these parameters.
Save the new value by pressing the **min.** button.

Light brightness adjustment button at high brightness. (26000 lx)



Press the button to enter into the settings to change the value shown in red. Use the +/- buttons to change these parameters.
Save the new value by pressing the **max.** button.

Button to reset to factory defaults.

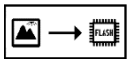


Factory settings are saved on the SD card in the file named “factory.hex”
Press this button to load the data from “factory.hex” on the SD card into the operational memory. Existing data will be overwritten and irrecoverable!
Enter the correct password “6699” to complete this process.

Warning !

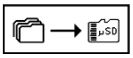
	Only insert and eject the SD card when the equipment is off**!**

Button for programming icons



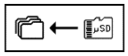
Pressing this button overwrites all the icons from the SD card to the operating FLASH memory. This is only used when the graphics are modified or altered. The screens must be pre-loaded on the SD
card. Programming progress is indicated by the following messages:
WAIT (tens of seconds)- FLASH ERASED - PROGRAMMING – PICXX OK – PROG OK.
If no SD card is found or an write error occurs, the
PROG ERROR message appears with the error code in the upper left corner.

Data backup button.



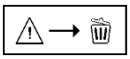
Press this button to write all settings to the SD card in the file “ eeprom.hex”.

It is recommended to back up these settings before any service intervention involving electronics.
Data restore button.



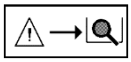
Press this button to write the data from the “eeprom.hex’ file on the SD card to the operational memory. Existing data will be overwritten and irrecoverable!

Button to delete the error file.

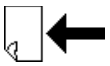


Press this button to delete the “error.txt” file from the SD card.

Button to display the error log.



Press this button to display the error log:

	ESC	
19-02-2015 11:38:44 E0802	01-03-2015 10:12:32 E0803	
19-02-2015 12:20:32 E0001		
25-02-2015 10:12:32 E0803		
25-02-2015 10:15:32 E0803		
25-02-2015 10:17:32 E0803		
27-02-2015 10:12:32 E0503		
28-02-2015 11:15:32 E0403		
28-02-2015 13:13:32 E0605		

Error record structure:
Example: 25-02-2015 10:12:32 ET0803
25-02-2015 = date on which the error is recorded
10:12:32 = time the error occurred
E0803 = error code

Error codes:
The letter E**T**0803 indicates the location of the error:
T – error at the dentist’s table terminal
S – error in a part of the dental unit

The first pair of digits ET***08***03 provides the category of error:
For ET errors:

ERROR_USER	00
ERROR_EEPROM_I2C	01
ERROR_EEPROM_SPI	02
ERROR_SDCARD	03
ERROR_USB	04
ERROR_FAT	05
ERROR_FLASH	06
ERROR_BMP	07
ERROR_COM4	08

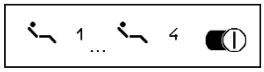
For ES errors:

ERROR DOCTOR’S PANEL	01
ERROR CHAIR	02
ERROR SPITOON	03
ERROR INSTRUMENT	04

The second pair of numbers E08***03*** identifies the specific error within the category:
For instance: for category 00 – USER
USER_OILLESS 01

>> The detailed List of error codes is provided below.

Button to select dental chair programming.



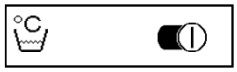
Press this button to activate/deactivate programmable chair controls.
Status is indicated by the symbol - activated / - deactivated.

Button to activate the motorised spittoon basin drive.



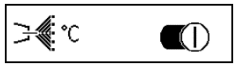
(Only if a drive motor is installed)
Press this button to activate / deactivate the spittoon basin drive.
Status is indicated by the symbol - activated / - deactivated.

Button to activate the cup water heater.



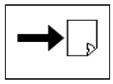
(Only if the cup water heater is installed)
Press this button to activate / deactivate the cup water heater.
Status is indicated by the symbol - activated / - deactivated.

Button to activate the instrument water heater.

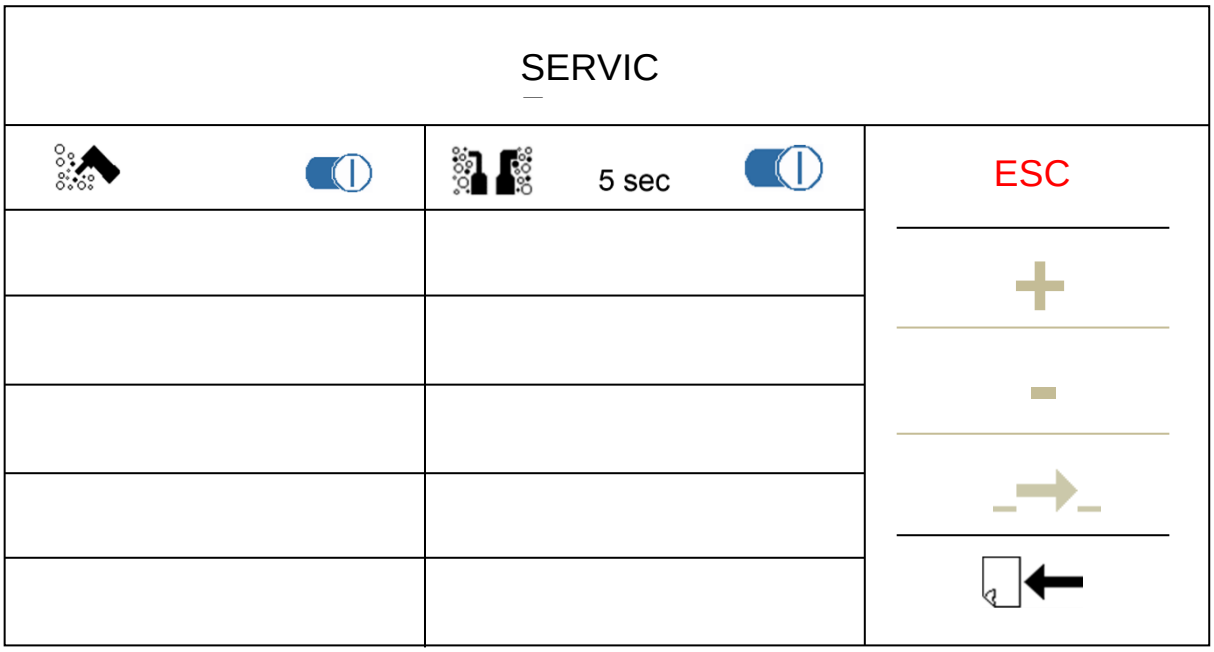


(Only if the instrument water heater is installed)
Press this button to activate / deactivate the instrument water heater.
Status is indicated by the symbol - activated / - deactivated.

Move to next service menu page.



Press this button to navigate to the next service menu page.

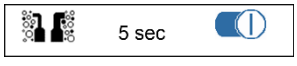


Software permissions for semi-automatic hygiene



Software permissions for semi-automatic hygiene

Suction controls

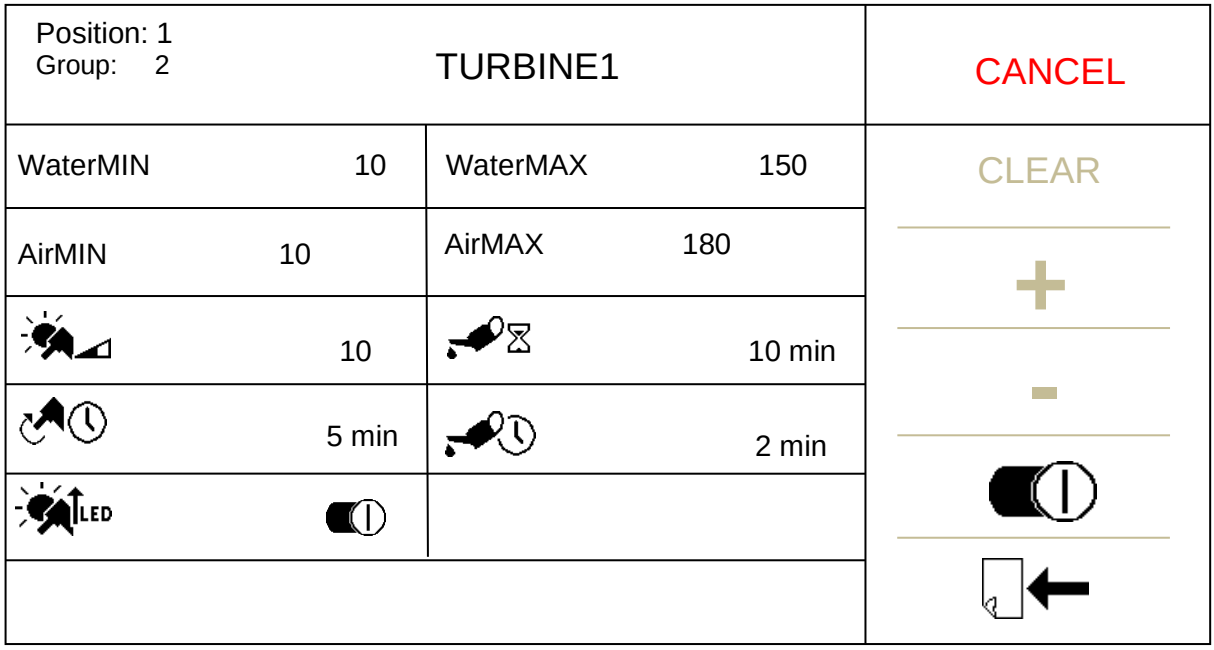


This option permits two modes of operation for the large and small aspirators when they are placed back into the holder:

- suction is turned off immediately when placed back into the holder
- suction is turned off after 5 seconds when placed back into the holder

Modification of service settings for instruments

if the service screen is open and a specific instrument is removed, the screen for settings and parameters for the given instrument appears:



The displayed parameters depend on the type of instrument.

Position	instrument position (1-5)
Group	assigned valve group (1-4)
Water MIN	sets the lower cooling water flow rate through the instrument via the proportional valve
Water MAX	sets the upper cooling water flow rate through the instrument via the proportional valve
Air MIN	sets the lower compressed air flow rate through the instrument via the proportional valve
Air MAX	sets the upper compressed air flow rate through the instrument via the proportional valve

Button for adjusting the intensity of the instrument's work light



Press the button and use the +/- buttons to set the intensity of the instrument's work light, if this is supported. Press the button again to save the setting to memory.

Button to adjust the instrument lubrication interval

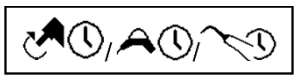


Press to display a pop-up menu with options:

OFF
10 min.
12 min.
15 min.
18 min.
20 min.

Press the corresponding button to set the desired instrument lubrication interval. Option OFF clears the defined lubrication interval for the given instrument.

Button to clear the instrument hour counter from most recent lubrication

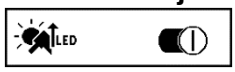


Button to clear the instrument lubrication counter from most recent lubrication



Press / / / to display the option to delete the lubrication data using the CLEAR button. Press CLEAR to zero out this data. Press the given button if such data is not to be cleared.

Button to adjust the instrument lighting mode.



Press the button to turn the light on the instrument on or off when it is removed from the instrument holder. Status is indicated by the symbol - activated / - deactivated.
If “0”, the instrument light is only switched on once the foot controller is pressed.

Warning !

	Only use “1” if the instrument has LED type lighting. Overheating and premature failure of other types of bulbs is a potential problem.

Definition and assignment of tools

Press the DESELECT button to cancel the assignment of an instrument to the given position.
The button then transitions to SELECT.
Press SELECT to assign the instrument to a specific position:

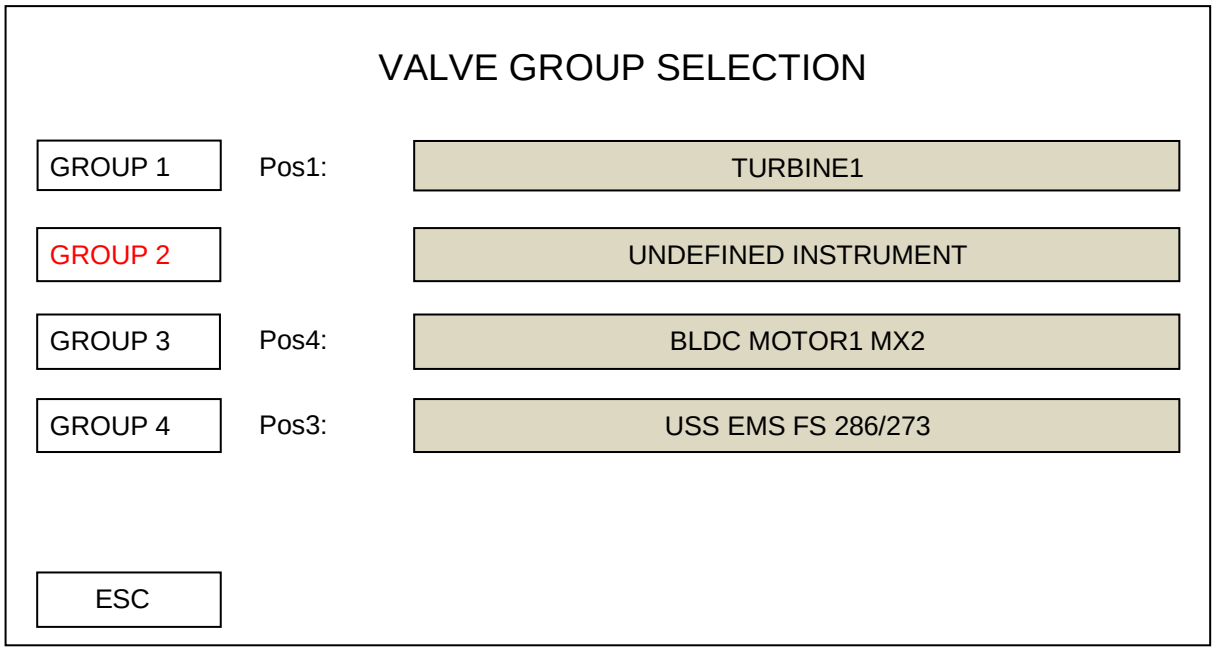
First select an instrument category:

CATEGORY OPTIONS	
TURBINES	CAUTERS
DC MOTORS	POLYMERISING LAMPS
BLDC MOTORS	WATER JETS
SURGICAL MOTORS	UNASSIGNED
ULTRASONIC PLAQUE REMOVAL	
SAND BLASTERS	

Then the specific type of instrument given its position, such as:

DC MOTOR OPTION	
MOTOR1 MC2	MOTOR1
MOTOR2 MC2	MOTOR2
MOTOR1 MC3	
MOTOR2 MC3	
MOTOR1 NBX	
MOTOR2 NBX	

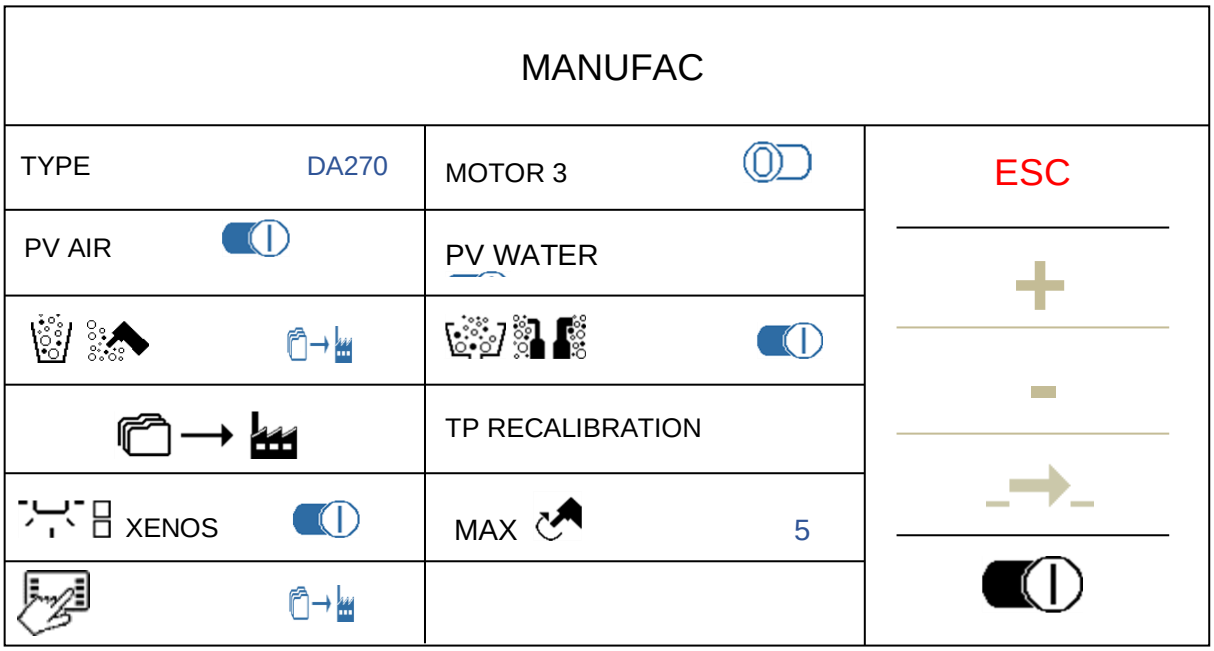
Finally, the instrument is assigned to an open valve group:



An unoccupied valve group (GROUP) is labelled in red.
Press the ESC button if no valve group exists (Syringe, PM lamp, etc.).

R2 - Factory settings

A password is required to access SERVICE / PRODUCTION in the SETTINGS menu.
The factory password is “9999”.
The factory setting screen appears once the password is added:



Button for chair type settings

TYPE Press to display a pop-up menu with type options.

DA270	DA370
DA280	DA380
	DC350
DC310	DL320
DL210	
TYGI 300B	TYGI 500B
TYGI 300L	TYGI 500L
KYRI CART	DSA3500

Press the corresponding button to select the given type of unit or cancel the selection by pressing “ESC”.

Button for chair type settings.

MOTOR3 Press this button to activate/deactivate third chair motor controls.
This status is indicated by the / symbol.

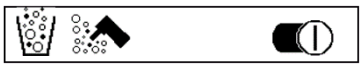
Button to configure proportional air valve controls.

PV AIR (Only if a proportional air valve is installed)
Press this button to activate / deactivate the proportional air valve controls.
This status is indicated by the / symbol.

Button to configure proportional water valve controls.

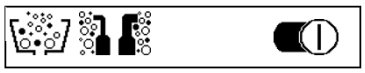
PV WATER (Only if a proportional water valve is installed)
Press this button to activate / deactivate the proportional water valve controls.
This status is indicated by the / symbol.

Button to activate / deactivate automatic disinfection.



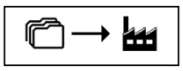
Press this button to activate / deactivate disinfection.
This status is indicated by the / symbol.

Button to activate / deactivate automatic decontamination.



Press this button to activate / deactivate decontamination.
This status is indicated by the / symbol.

Button to save factory settings..



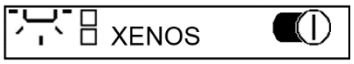
Press this button to write all unit settings to the SD card in the file “factory.hex”.

Button for touchscreen panel calibration.

TP RECALIBRATION

Press this button to select the resistive touchscreen display calibration mode.

Button to activate/deactivate XENOS light controls.



(If a XENOS light is installed). Press this button to activate/deactivate XENOS dental light controls.
Status is indicated by the symbol - activated / - deactivated.

Button to select a number of instruments.

MAX

Press to display a pop-up window with a range of numbers of instruments:

5
6

Press the corresponding button to select the required number of instruments, or cancel the selection by pressing “ESC”.

Button to rotate the display on the dental unit for left-handed use.



Press the button to rotate the entire display in a mirrored fashion.

R3 - List of error codes

TERMINAL ERRORS	
ET0101	I2C BUS BUSY
ET0102	I2C START FAIL
ET0103	I2C NO ACK
ET0104	I2C WRITE FAIL
ET0105	I2C READ FAIL
ET0106	I2C STOP FAIL
ET0107	I2C CHCKSUM
ET0108	I2C TIMEOUT
ET0204	SPI WRITE FAIL
ET0207	SPI CHCKSUM
ET0208	SPI CLEAR
ET0301	SD NO MEDIA
ET0302	SD FATFS MOUNT ERR
ET0303	SD FATFS GETFREE ERR
ET0305	SD FATFS OPEN ERR
ET0306	SD FATFS CLOSE ERR
ET0308	SD FATFS SEEK ERR
ET0309	SD FATFS RD STRING ERR
ET0310	SD FATFS RD BLOCK ERR
ET0311	SD FATFS WR BLOCK ERR
ET0313	SD FATFS DISK FULL
ET0401	USB NO MEDIA
ET0402	USB FATFS MOUNT ERR
ET0403	USB FATFS GETFREE ERR
ET0405	USB FATFS OPEN ERR
ET0406	USB FATFS CLOSE ERR
ET0408	USB FATFS SEEK ERR
ET0409	USB FATFS RD STRING ERR
ET0410	USB FATFS RD BLOCK ERR
ET0411	USB FATFS WR BLOCK ERR
ET0413	USB FATFS DISK FULL
ET0501	FAT NO MEDIA
ET0502	FAT FATFS MOUNT ERR
ET0503	FAT FATFS GETFREE ERR
ET0505	FAT FATFS OPEN ERR
ET0506	FAT FATFS CLOSE ERR
ET0508	FAT FATFS SEEK ERR
ET0509	FAT FATFS RD STRING ERR
ET0510	FAT FATFS RD BLOCK ERR
ET0511	FAT FATFS WR BLOCK ERR
ET0513	FAT FATFS DISK FULL
ET0601	FLASH FILE MISSING
ET0701	JPG MEDIA ERR
ET0702	JPG FILE ERR
ET0703	JPG SIZE ERR
ET0704	JPG ID ERR
ET0705	JPG HEAD ERR
ET0706	JPG WIDTH ERR

ET0707	JPG HEIGHT ERR
ET0708	JPG BPP ERR
ET0709	JPG COMPR ERR
ET0710	BMP FORMAT ERR
ET0711	BMP WIDTH ERR
ET0712	BMP HEIGTH ERR
ET0801	COM4 TX TIMEOUT
ET0901	TOUCH PANEL ERROR
ET0902	CTP MORE TOUCHES
ET1001	VALVE GROUP SELECTION ERR
ET1002	BOWL CHAIR COLLISION

SERIAL COMMUNICATION ERRORS	
CHAIR ERRORS	
ES0201	LIFT CHAIR ERROR CHCKSUM
ES0202	LIFT CHAIR EEPROM WRITE ERROR
ES0203	LIFT CHAIR ERROR MOTOR 1
ES0204	LIFT CHAIR ERROR MOTOR 2
ES0205	LIFT CHAIR ERROR MOTOR 3
ES0206	LIFT CHAIR POTENTIOMETER 1 OUT OF RANGE
ES0207	LIFT CHAIR POTENTIOMETER 2 OUT OF RANGE
ES0208	LIFT CHAIR POTENTIOMETER 3 OUT OF RANGE
ES0209	LIFT CHAIR AUTOSETUP RANGE ERROR
ES0210	LIFT CHAIR BOWL ERROR
ES0211	LIFT CHAIR ASSISTANT'S ARM COLISION
ES0212	LIFT CHAIR SERIAL COMM ERROR
ES0213	LIFT CHAIR POTENTIOMETER 1 ERROR – WIRE SHORTCUT OR UNCONECTED
ES0214	LIFT CHAIR POTENTIOMETER 2 ERROR – WIRE SHORTCUT OR UNCONECTED
ES0215	LIFT CHAIR POTENTIOMETER 3 ERROR – WIRE SHORTCUT OR UNCONECTED
ES0216	LIFT CHAIR SAFE SWITCH IS ON
ES0217	LIFT CHAIR AUTOSETUP INTERRUPTED
Bien Air MOTOR ERRORS	
ES0401	BA UNKNOWN ERROR
ES0402	BA POWER PROTECTION
ES0403	BA MOTOR PHASE
ES0404	BA COMM TIMEOUT
ES0405	BA EEPROM ERROR
ES0406	BA OVER TEMPERATURE
ES0407	BA UNDER VOLTAGE
ES0408	BA OVER VOLTAGE
ES0409	BA MOTOR JAMMED
DENSIM MOTOR ERRORS	
ES0419	DM TEMPERATURE LIMIT
ES0420	DM UNSPECIFIED ERROR
ES0421	DM TEMPERATURE LIMIT
ES0422	DM CURRENT LIMIT
ES0423	DM SET RPM = 0
ES0424	DM HIGH LOAD
ES0425	DM MOTOR COIL

ES0426	DM UNCORRECT MOTOR
ES0427	DM CALIBRATION
ES0428	DM UNSPECIFIED ERROR
ES0430	DM UNSPECIFIED ERROR
ES0431	DM BAD COMMAND
ES0432	DM REGISTER OUT
ES0433	DM MOTOR POSITION
ES0434	DM MOTOR VOLTAGE
ES0435	DM LIGHT CURRENT
ES0436	DM MOTOR COIL
ES0437	DM CURRENT LIMIT
ES0438	DM MOTOR DETECTION
ES0439	DM EMF OUT
ES0440	DM BAD START
ES0441	DM CURRENT LIMIT
ES0442	DM ERROR TIMEOUT
ES0443	DM UNCORRECT MOTOR
ES0444	DM HIGH RPM
ES0445	DM TEMPERATURE LIMIT
ES0450	DM UNSPECIFIED ERROR
ES0451	DM HW UNDER VOLTAGE
ES0452	DM EEPROM ERROR
ES0453	DM EEPROM ERROR
ES0454	DM HW ERROR
ES0455	DM HW ERROR
ES0456	DM CURRENT LIMIT
ES0457	DM SERIAL COMM
ES0458	DM UNSPECIFIED ERROR

R4 - Description of electronic modules

Page 1

MB_LUX module

Version: 14

Location: Dentist's control panel
Function: Primary module.

- Controls the dentist's table
- Communicates with the spittoon block
- Communications with the UNO/NOK foot controller
- Power supply and communication with the DP_LUX module
- Power supply and communication with the REG_LUX module
- Power supply communication with modules for brushless motors
- Power supply and communication with the SCA_LUX module
- Power supply for instrument lights
- Controls the valves for instruments
- Controls the proportional valves for air and water
- Controls the pneumatic brake
- Input for removal sensors

Configurable elements: switches for setting the type of chair and micro motors

SCA_LUX module

Version: 3

Location: Dentist's control panel
Function:

- Power supply and control over modules for scalers

Configurable elements: light adjustment switch for different types of scalers

SENS_LUX module

Version: *2/3*
Location: Dentist's control panel
Function: Contains microswitches for selecting instruments
Control elements: none

REG_LUX module

Version: 2

Location: Dentist's control panel
Function: Controls for two DC micro motor

- Regulation for micro motors M1 and M2

Configurable elements: Feedback is used based on the resistance trimmer RP1 for micro motors M1 and RP2 for micro motor M2 at 8% of output to ensure that micro motor loading is a maximum increase of 4 V. Two switches for configuration...

DESCRIPTION OF ELECTRONIC MODULES – Page 2

DP_LUX module (for the resistive display)
Version: **7**

Location: Dentist's control panel.
Function:
- Unit controls
- Audible signals
- USB connection
- SD card slot

Configurable elements: none

DP_LUX module (for the capacitive display)
Version: **9**

Location: Dentist's control panel.
Function:
- Unit controls
- Audible signals
- USB connection
- SD card slot

Configurable elements: none

TWH1 module
Version: 1

Location: Spittoon block, Dentist's control panel
Function:
- In the spittoon block – temperature control for the hot water heater used to fill the cup
- At the dentist's control panel – temperature control for the hot water heater for instruments

Configurable elements: trimmer for temperature adjustments

EB_LUX module
Version: 6

Location: Spittoon block or chair
Function:
- Fuses for 24 VAC output from transformer
- 24 VAC output
- 24 VAC output for 2-way controls for the main valves
- Bidirectional communication with DE20/ DM20/ FSCH3M chairs
- Input for UNO / NOK / RF UNO / RF NOK foot controller
- Power for Sirius light
- Connection to suction unit
- LED indicators

Configurable elements: Contains connector J1 to power the foot controller

DESCRIPTION OF ELECTRONIC MODULES – Page 3

PB_LUX module
Version: **8V2 (BASIC)**
Location: Spittoon block
Function: Controls the spittoon block
- Communication with the MB_LUX at the dentist's table
- Outputs for the cup fill and basin rinse valves
- Output for the ejector valve
- Output for the cup fill and basin rinse buttons
- Input for the distilled water level sensor
- Inputs for two safety sensors
- Power supply for the Xenos light

Configurable elements: none

PB_LUX module
Version: **11 (FULL)**
Location: Spittoon block
Function: Controls the spittoon block
- Communication with the MB_LUX at the dentist's table
- Outputs for the cup fill and basin rinse valves
- Output for the ejector valve
- Output for the cup fill and basin rinse buttons
- Input for the distilled water level sensor
- Input for disinfection and decontamination water level sensors
- Output for vacuum unit (passive / active)
- Connection for METASYS, DURR, CATTANI vacuum systems ...
- Input for the assistant's keypad
- Electric spittoon basin rotation, input for basin rotation limit switches and output for the DC motor
- Heater controls
- Outputs for disinfection and decontamination valves
- Power supply for the Xenos light
- Outputs for the small and large aspirator valves
- Removal sensor input from the assistant's console arm
- Input for the PLM lamp
- Fuse for the heater

Configurable elements: none

PB_CAT module
Version: ***5***
Location: Spittoon block
Function:
- Module for controlling suction systems

Configurable elements: none

DESCRIPTION OF ELECTRONIC MODULES – Page 4

EB_230 module
Version: **6**
Location: Spittoon block
Function: Main power module.
The module contains terminals (mains power, main switch, chair power, monitor power, camera power, protective bonding and primary side of the transformer), main fuse and AC power filter.
Configurable elements: none

ARMS3 module
Version: **5**
Location: Assistant's console arm
Function:
- Input from the assistant's keypad

Configurable elements: none

Xenos_n module
Version: 5
Location: Xenos light
Function: Switching of power wires for Xenos LED lamps
Control elements: Hand proximity sensor to adjust Xenos lamp brightness

DESCRIPTION OF ELECTRONIC MODULES – Page 5

FOOTUNI module
Version: **1**
Location: Spittoon block or chair
Function:
- Connection of the wireless UNO/NOK foot controller

Configurable elements: none

MSP module
Version: **1**
Location: UNO/NOK foot controllers
Function:
- Foot controller button and potentiometer signals
- The module has the corresponding micro switches.
- The module has a connector for hard-wired communication with the module.

Configurable elements: none

NO_UNO module
Version: **0**
Location: UNO hard-wired foot controller
Function:
- converts signals to the series communication protocol
- The module contains micro switches, connectors (micro switches, potentiometer and power cord)

Configurable elements: none

NO_NOK module
Version: **1**
Location: NOK hard-wired foot controller
Function:
- converts signals to the series communication protocol
- The module contains micro switches, connectors (micro switches, potentiometer and power cord)

Configurable elements: none

DPS_NO_UNO module
Version: 3
Location: UNO RF foot controller
Function: transmitting signals
Control elements: Reset, calibration and pairing buttons

DPS_NO_NOK module
Version: 3
Location: NOK RF foot controller
Function: transmitting signals
Control elements: Reset, calibration and pairing buttons

DESCRIPTION OF ELECTRONIC MODULES – Page 6

MB_30, MB_30 BLUE module
Version:
Location: Dentist's control panel
Function:
- DX and DX BLUE micro motor regulation

Configurable elements: none

MB_92, MB_92 BLUE module
Version: 2

Location: Dentist's control panel
Function:
- DX PRO and DX PRO BLUE micro motor regulation

Configurable elements: none

PD module
***Version:* 3**
Location: Dentist's control panel
Function:
- Peristaltic pump control

Configurable elements: none

FSCH3M + S2PWM module
Version:
Location: Spittoon block
Function:
- Communication with the foot controller
- Communication with the chair
- Control of safety switches

Configurable elements: none

PB_DEZ1 module
Version:
Location: Spittoon block
Function:
- Control of disinfection and decontamination controls

Configurable elements: none

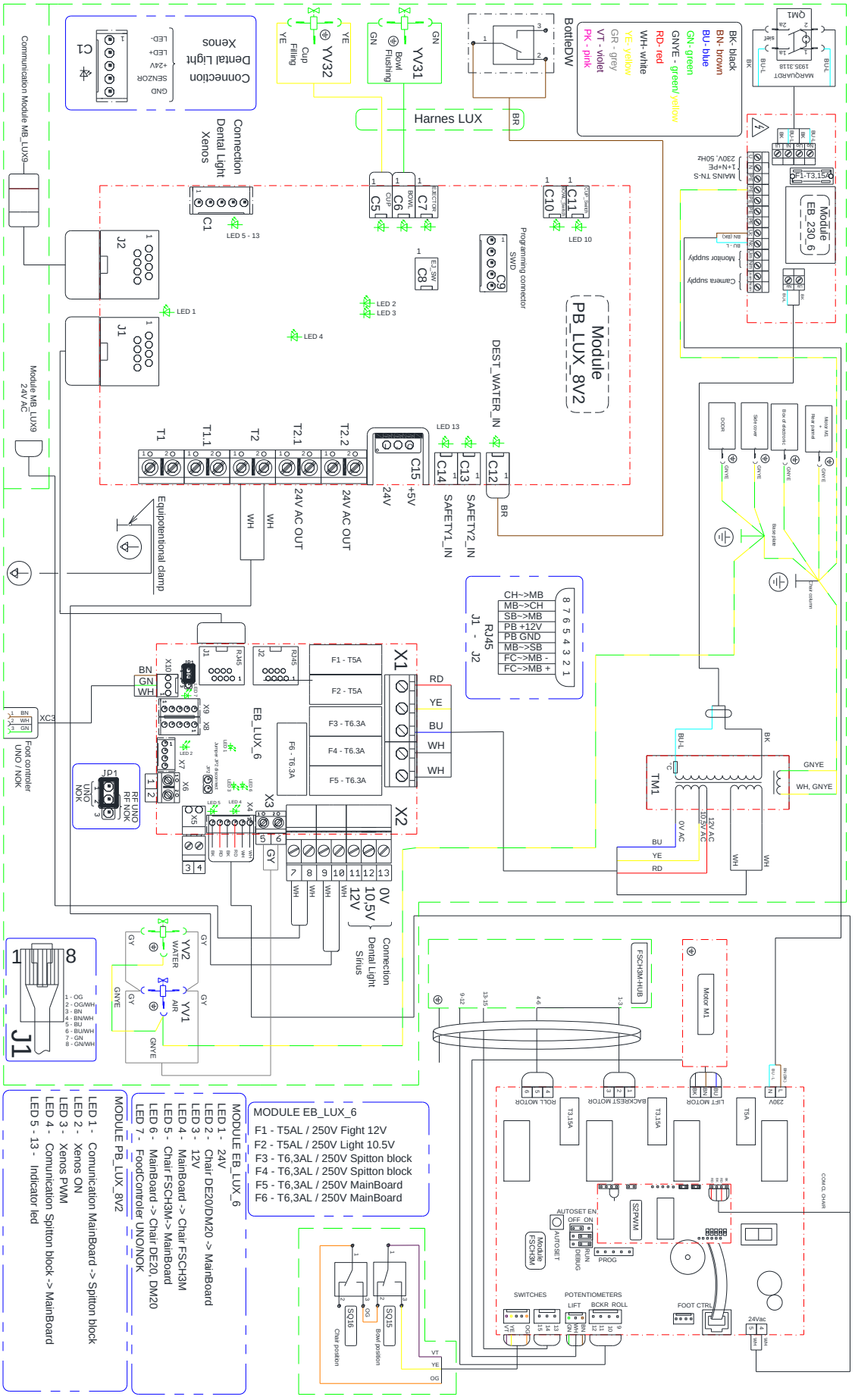
MINILIGHT L module
Version:
Location: dentist's control panel
Function:
- Minilight 6F light control

Configurable elements: none

R5 - Electrical schematics

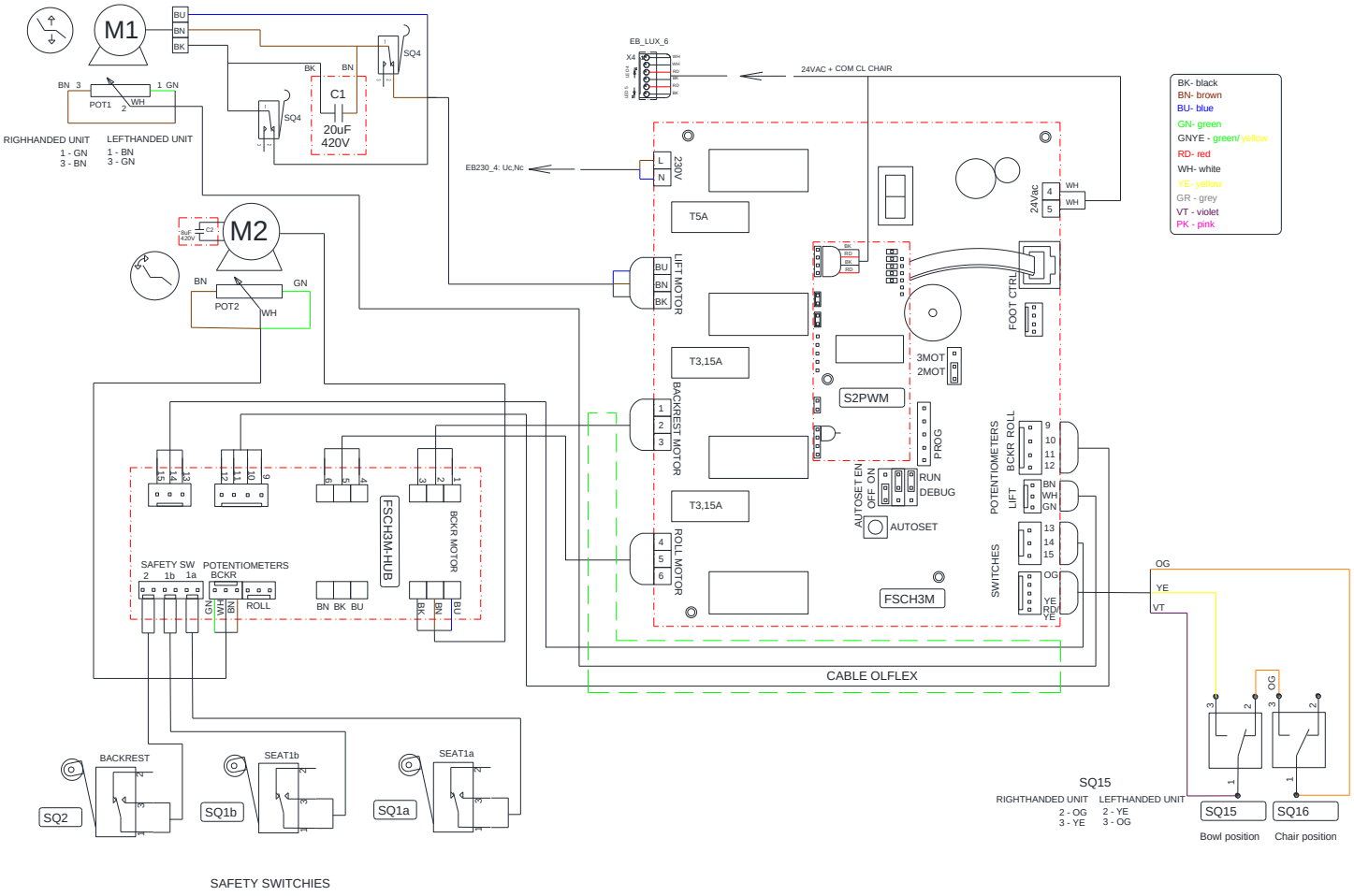
BASIC version schematics

►SPITTOON BLOCK ELECTRICAL SCHEMATIC (BASIC version)



►DA270, DA280 CHAIR ELECTRICAL SCHEMATIC (BASIC version)

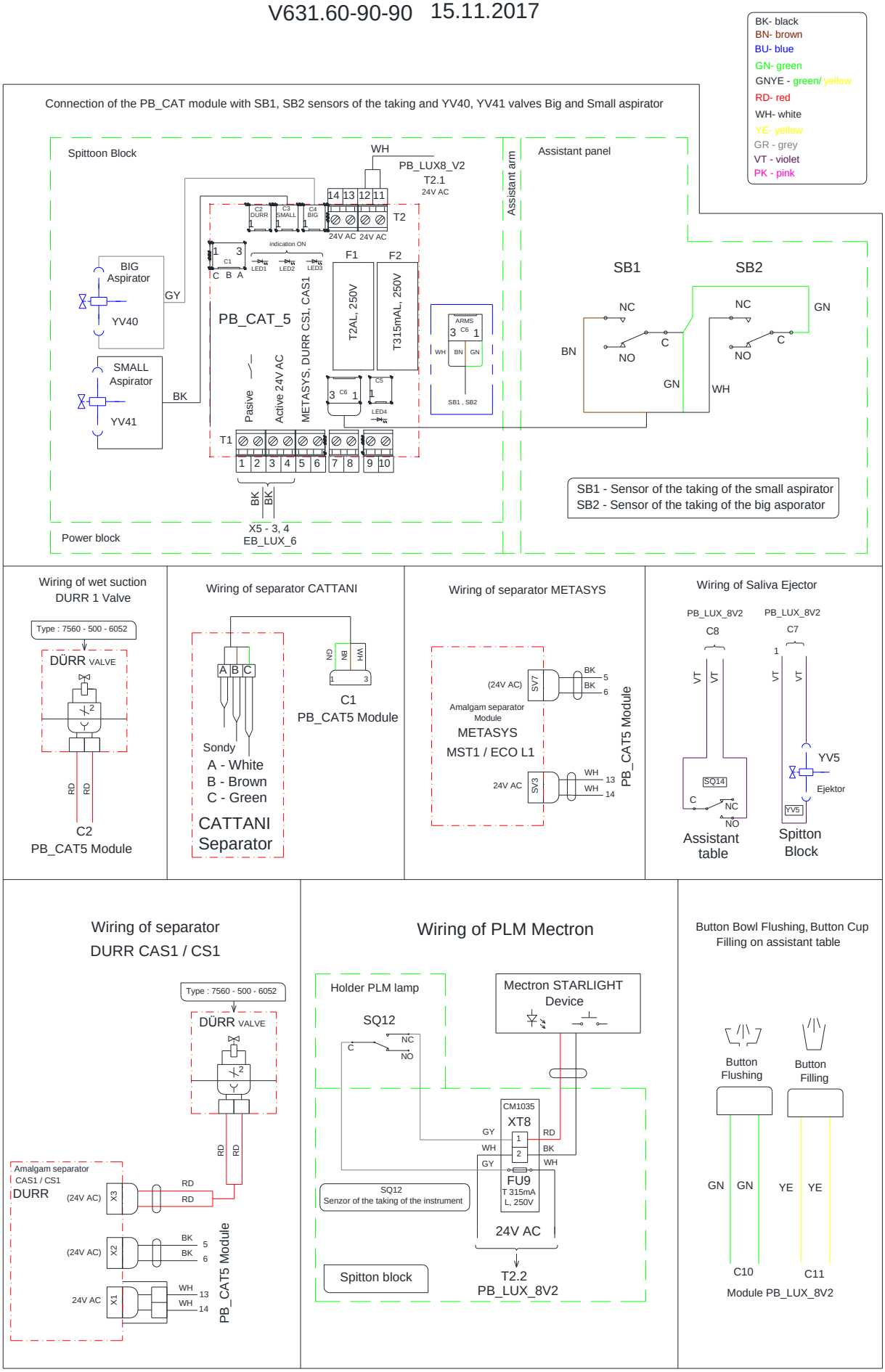
WIRING DIAGRAM OF SPITTON BLOCK BASIC DA270 m2015, DA280m2015
V631.60-90-90 16.10.2018



►ELECTRICAL SCHEMATIC FOR ACCESSORIES (BASIC version)

WIRING DIAGRAM OF SPITTON BLOCK BASIC DA270 m2015, DA280m2015

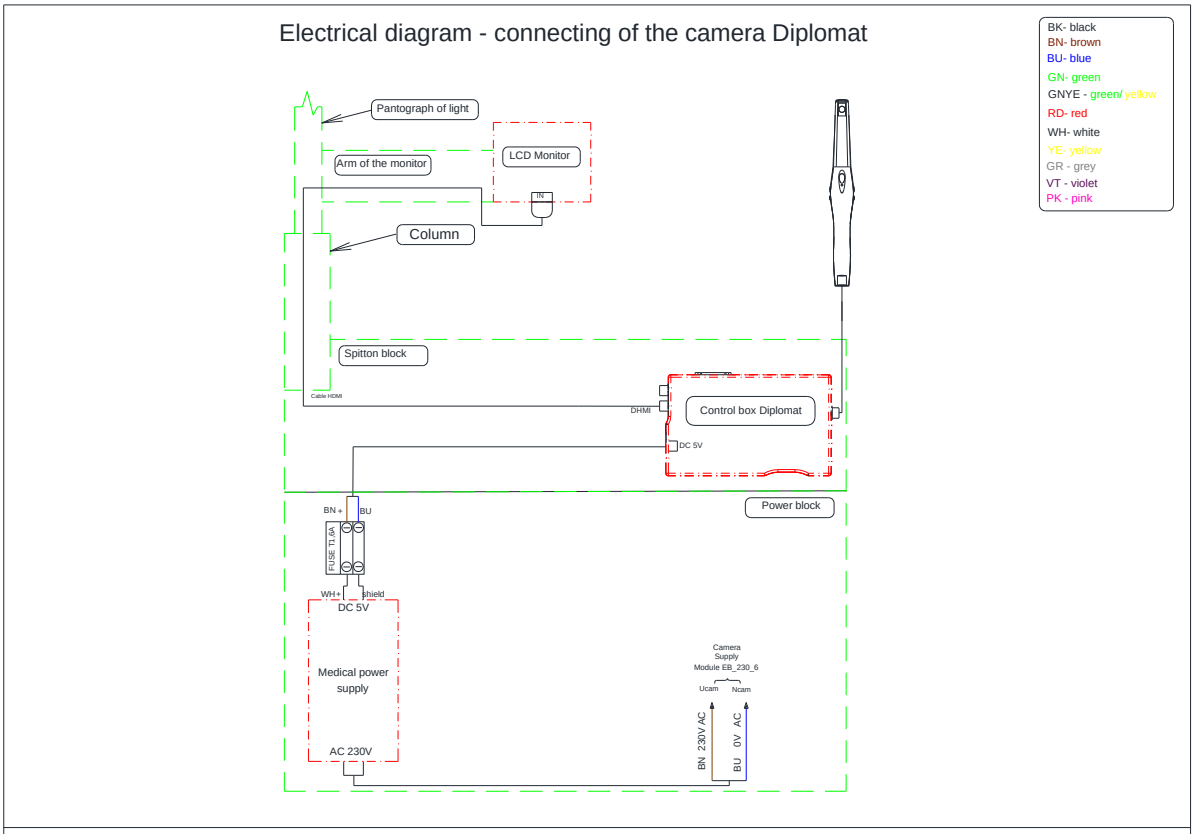
V631.60-90-90 15.11.2017



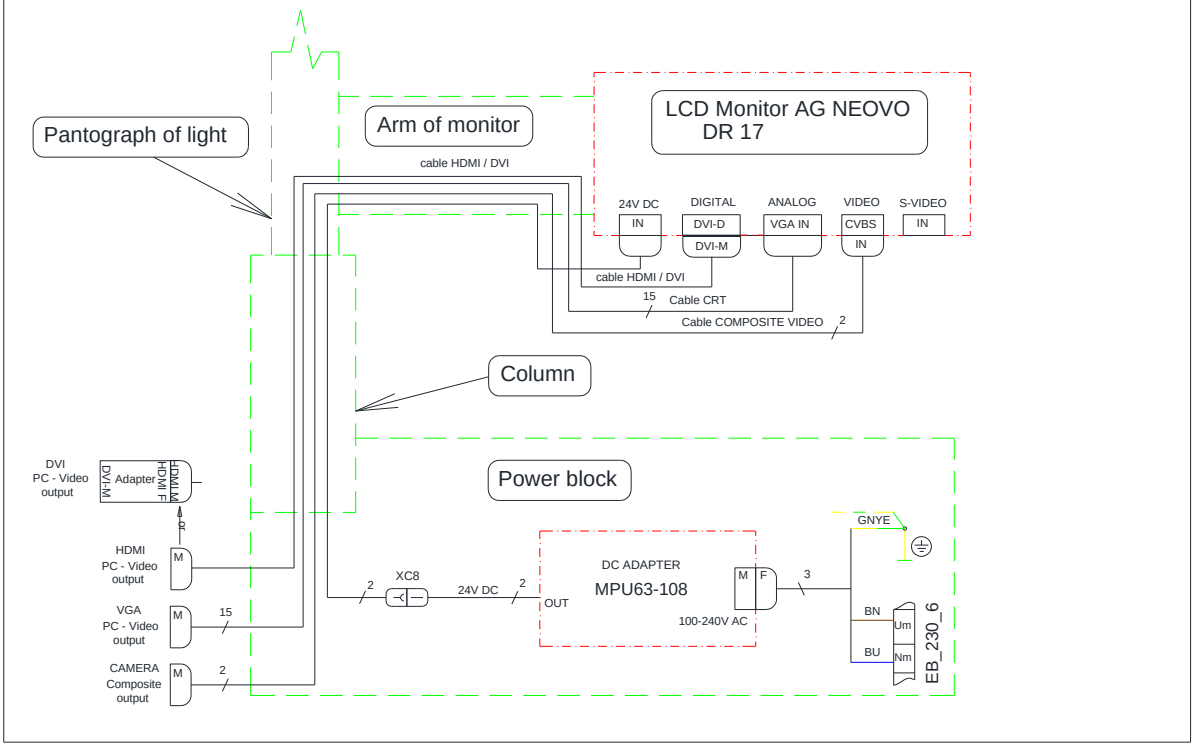
► ELECTRICAL SCHEMATIC FOR CAMERA AND MONITOR (BASIC version)

WIRING DIAGRAM OF SPITTON BLOCK BASIC DA270 m2015, DA280m2015
V631.60-90-90
26.9.2016

Electrical diagram - connecting of the camera Diplomat



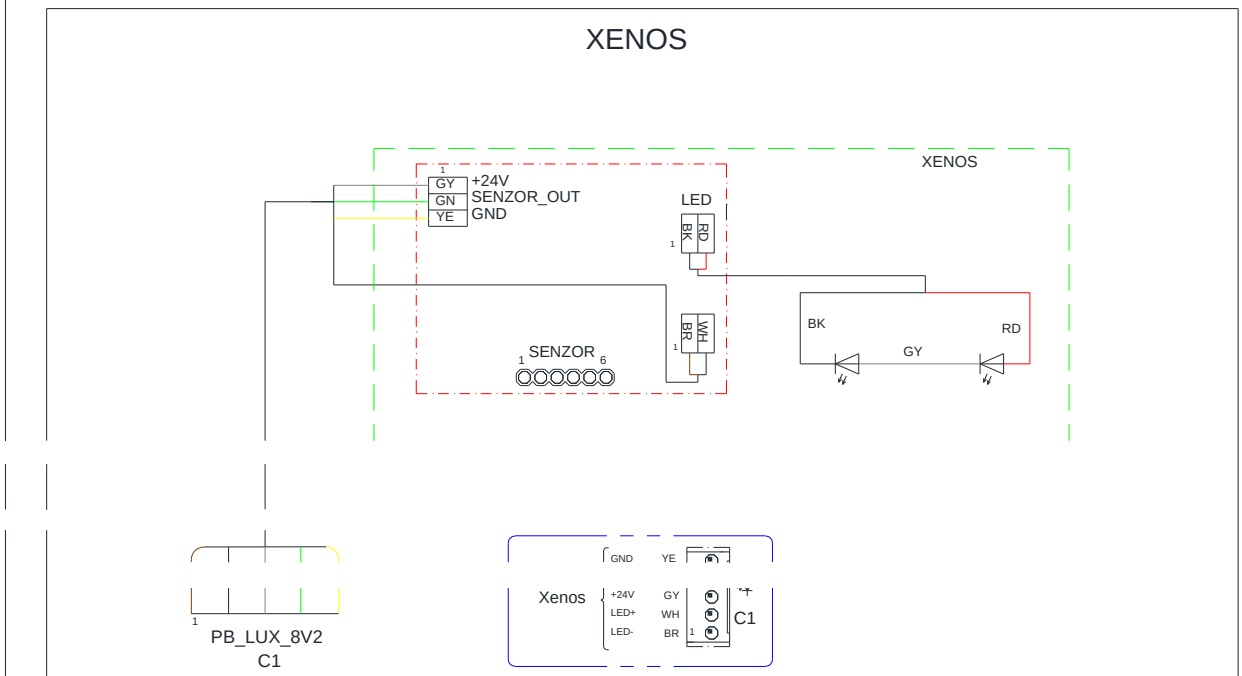
Wiring diagram of the monitor NEOVO



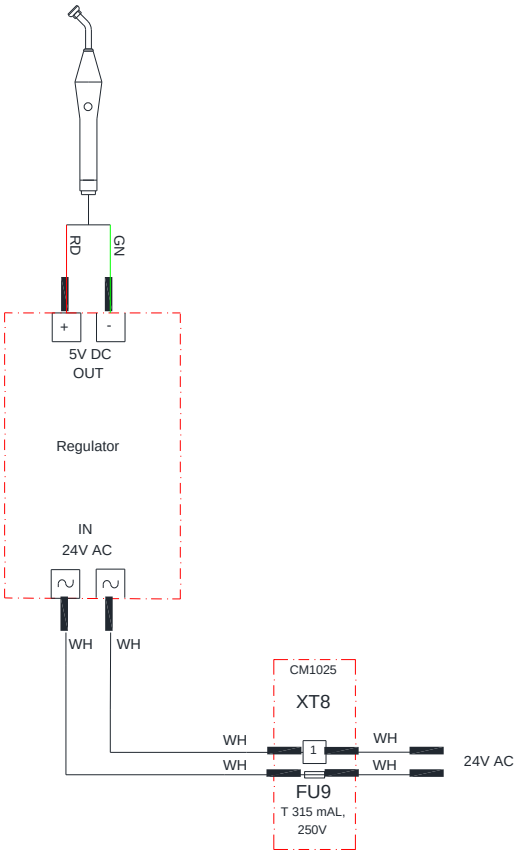
►ELECTRICAL SCHEMATIC FOR XENOS AND SIRIUS LIGHTS, PLM MONITEX (BASIC version)

WIRING DIAGRAM OF SPITTON BLOCK BASIC DA270 m2015, DA280m2015
V631.60-90-90
12.10.2016

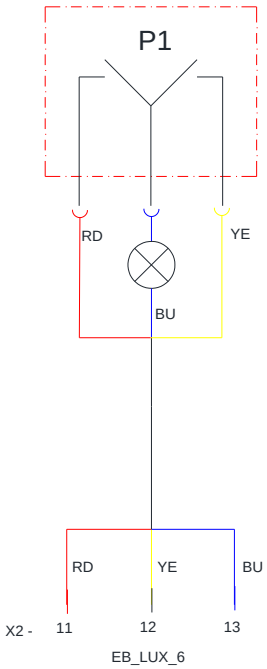
XENOS



PLM MONITEX

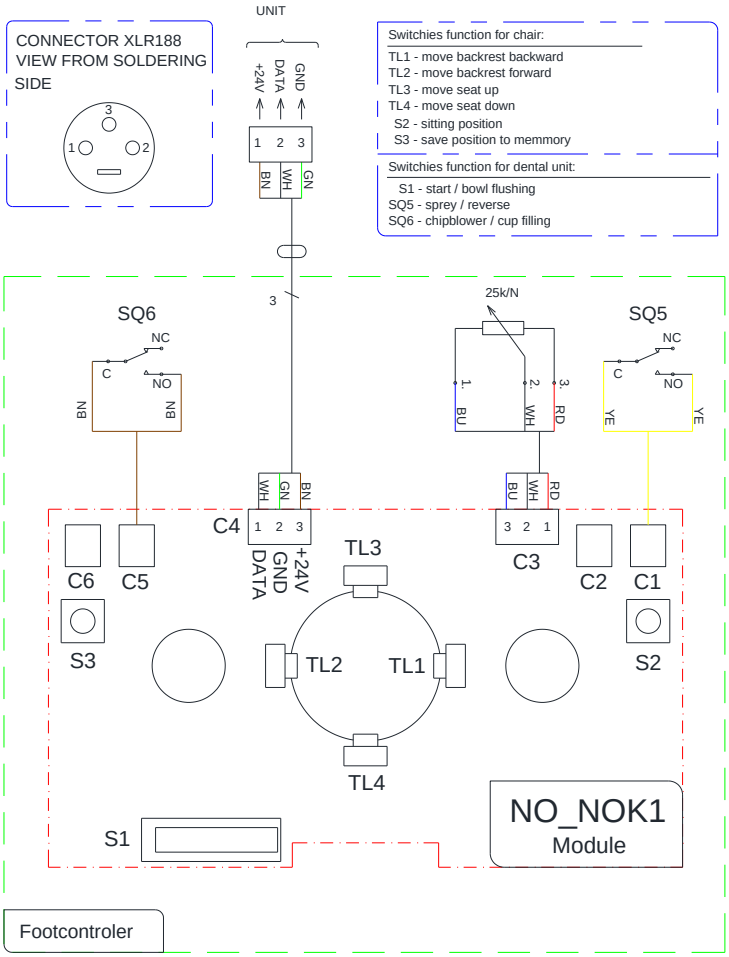


Sírius with selector - Carried Unit

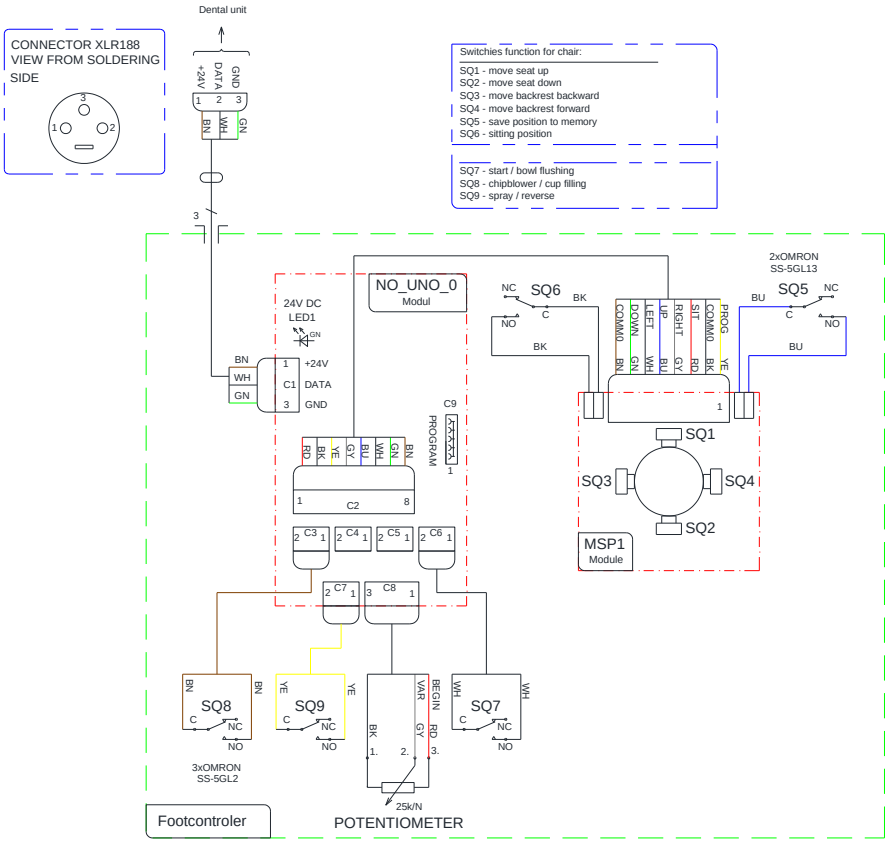


►UNO/NOK FOOT CONTROLLER ELECTRICAL SCHEMATIC (BASIC version)

WIRING DIAGRAM OF FOOTCONTROLER NOK



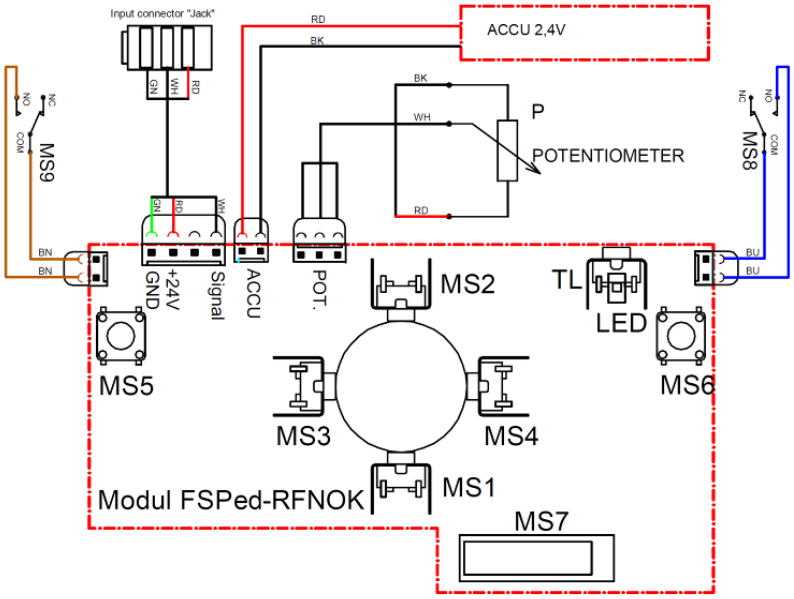
WIRING DIAGRAM OF FOOTCONTROLER UNO



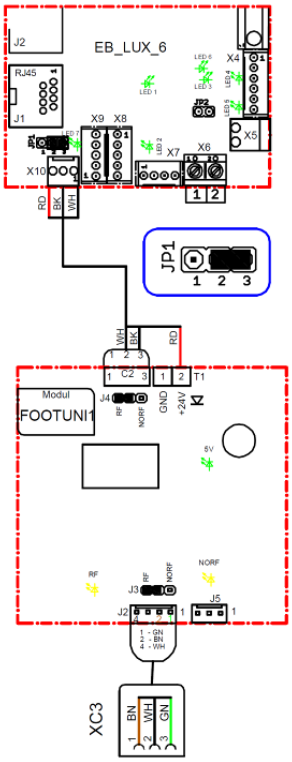
►2015 MODEL UNO/NOK RF FOOT CONTROLLER ELECTRICAL SCHEMATIC (BASIC version)

WIRING DIAGRAM OF SPITTON BLOCK BASIC DA270 m2015, DA280m2015
V631.60-90-90
26.9.2016

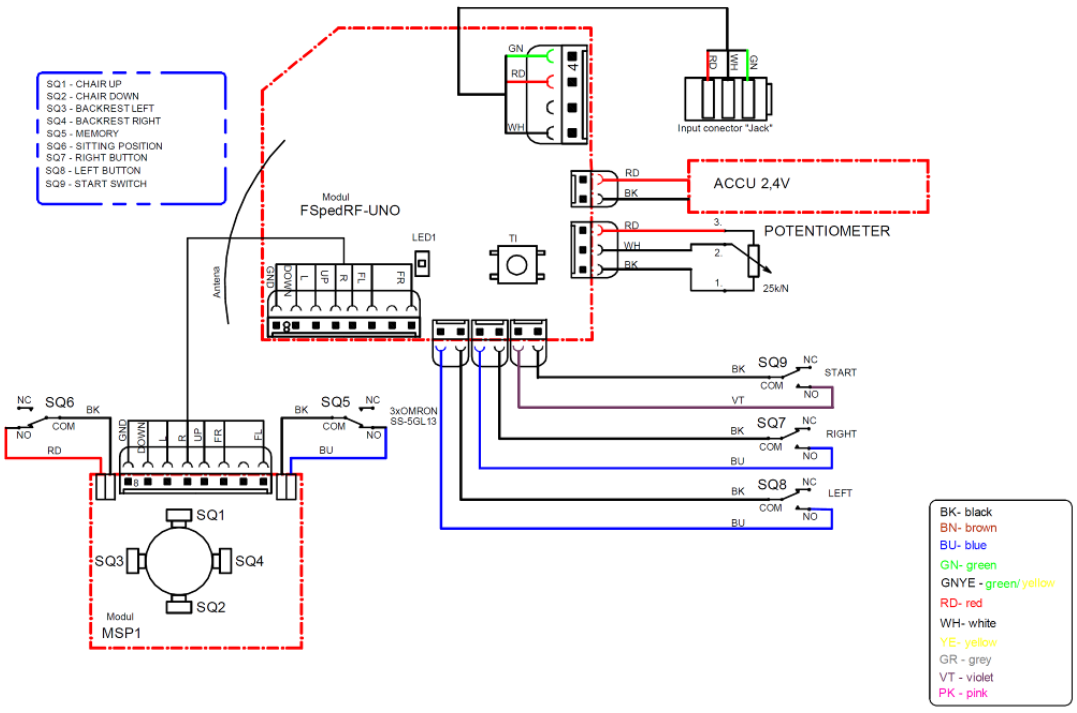
WIRING DIAGRAM OF FOOTCONTROLER RF NOK



WIRING DIAGRAM OF FOOTUNI1

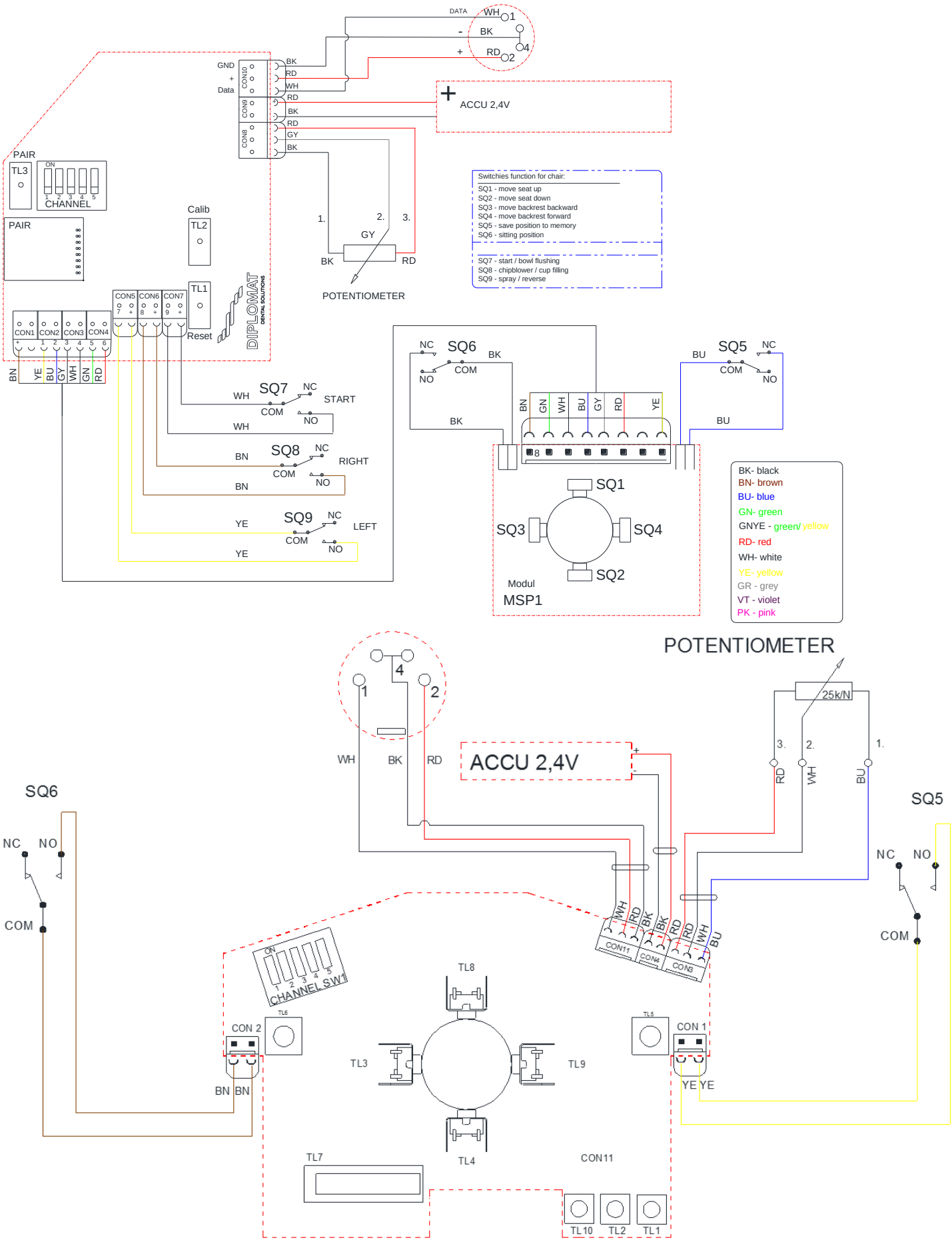


WIRING DIAGRAM OF FOOTCONTROLER RF UNO



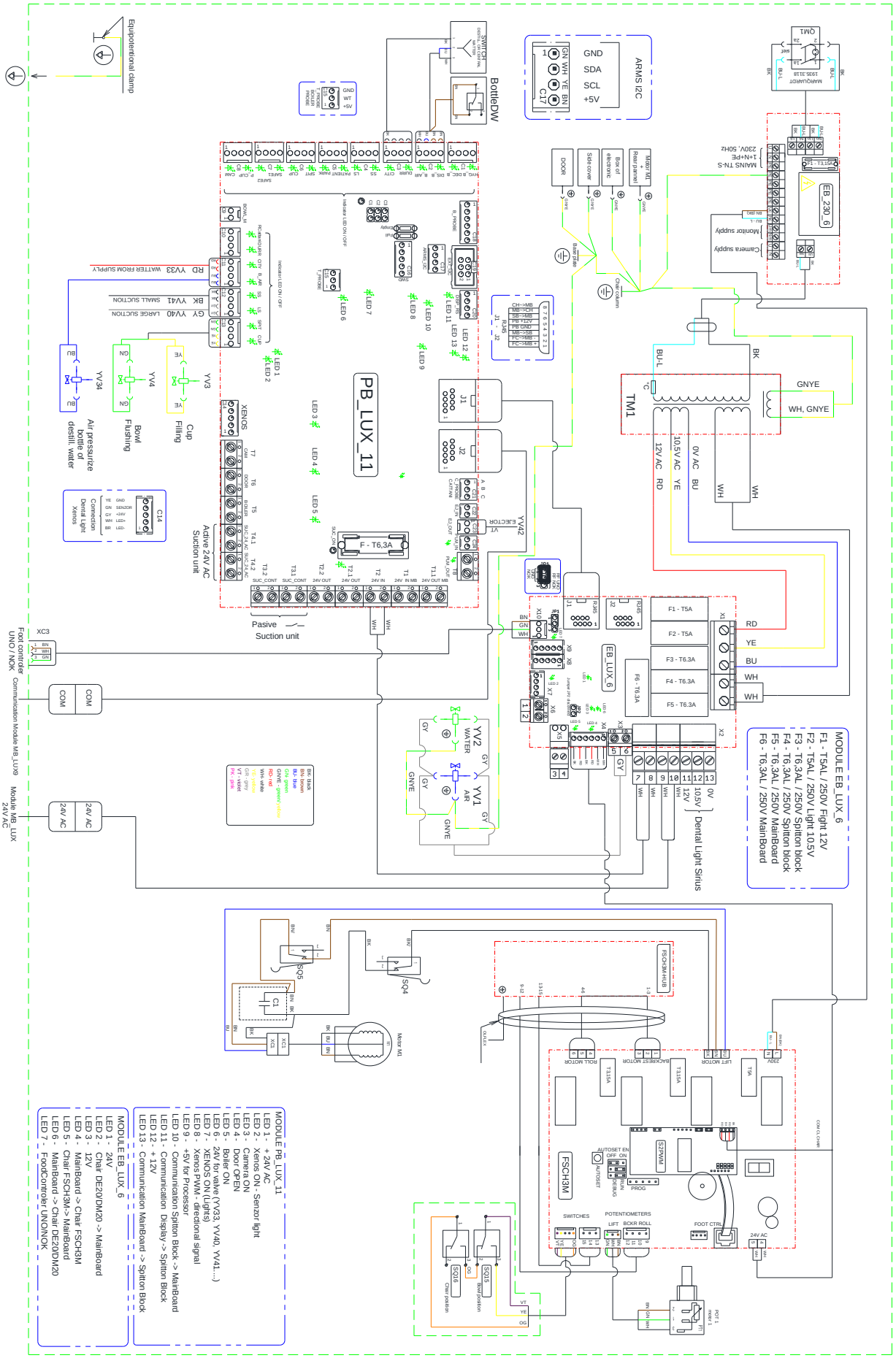
►2018 MODEL UNO/NOK RF FOOT CONTROLLER ELECTRICAL SCHEMATIC (BASIC version)

WIRING DIAGRAM OF FOOTCONTROLER RF UNO

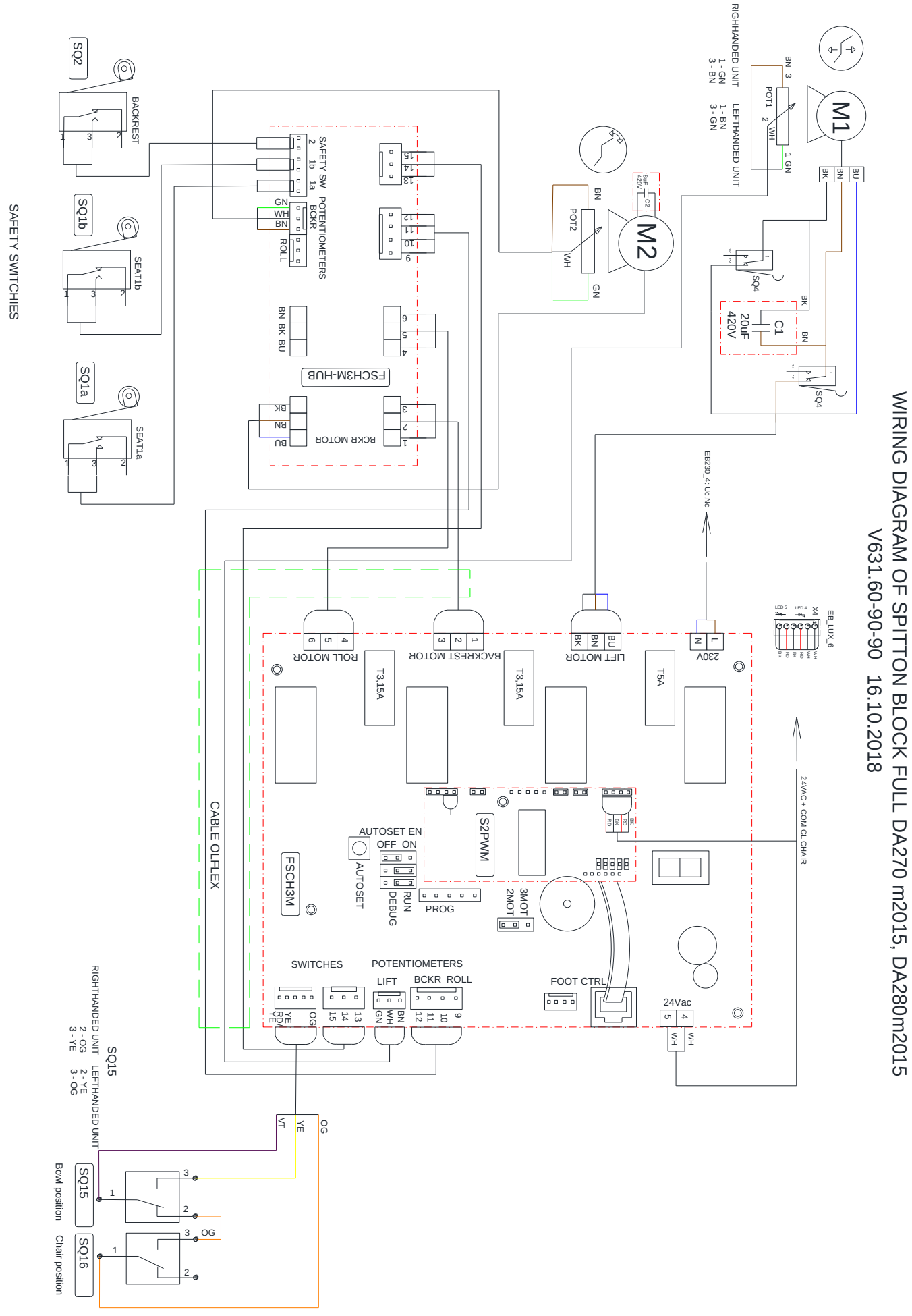


FULL version schematics

►SPITTOON BLOCK ELECTRICAL SCHEMATIC (FULL version)

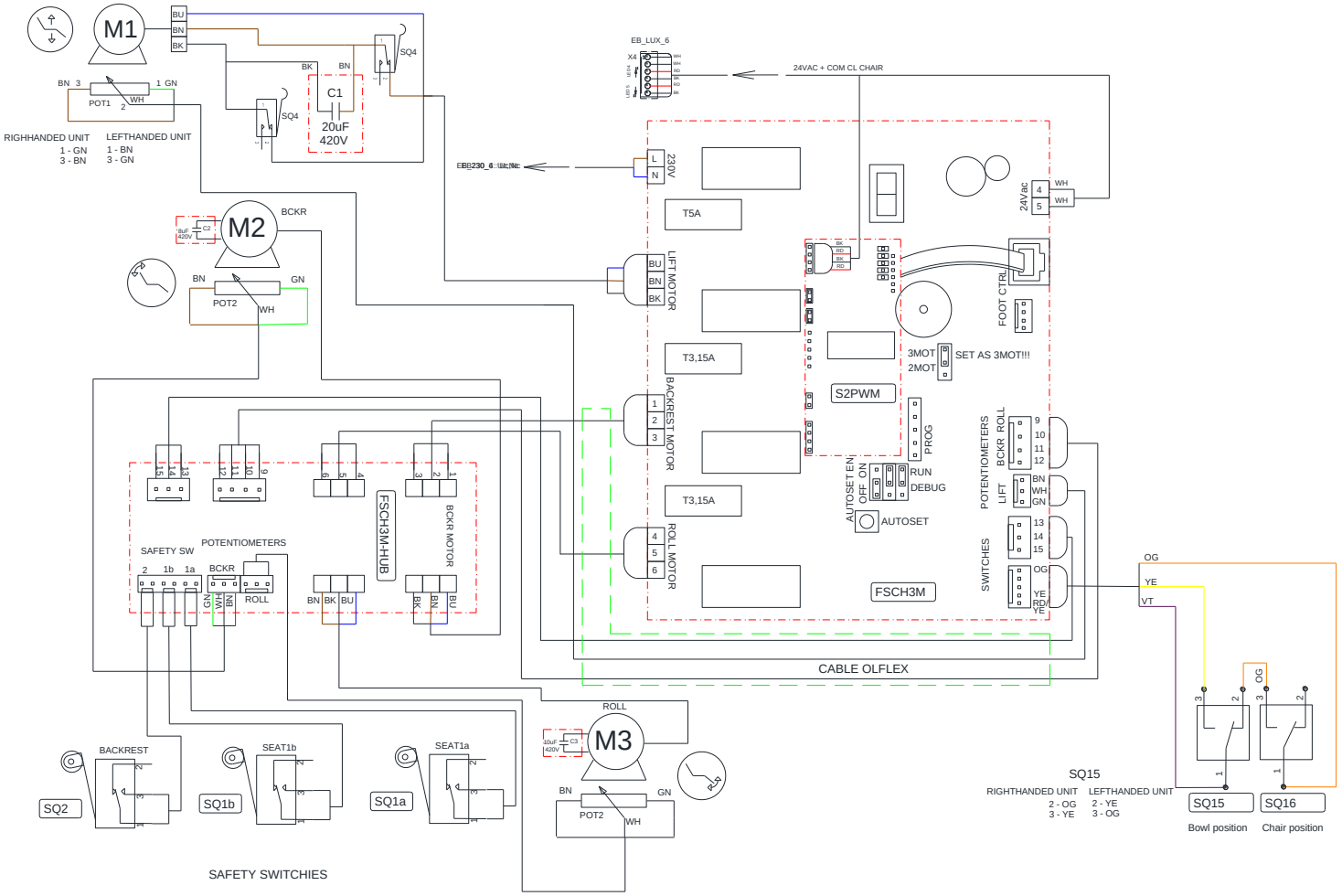


►DA270, DA280 CHAIR ELECTRICAL SCHEMATIC (FULL version)



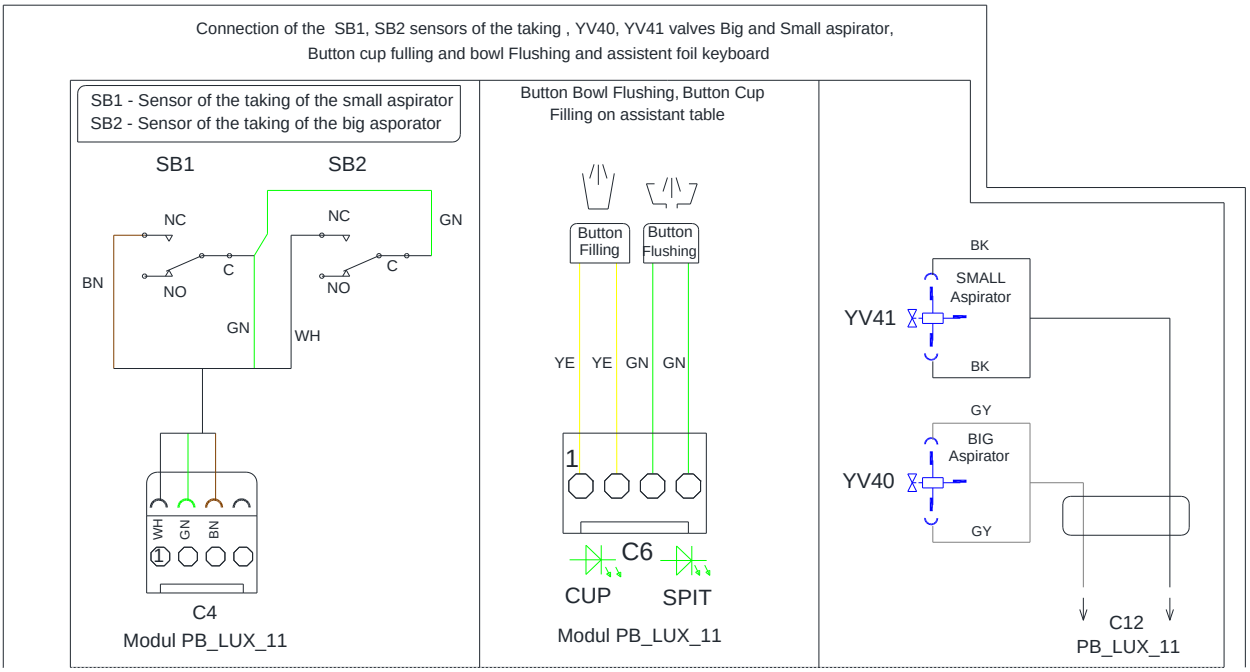
►DA370, DA380 CHAIR ELECTRICAL SCHEMATIC (FULL version)

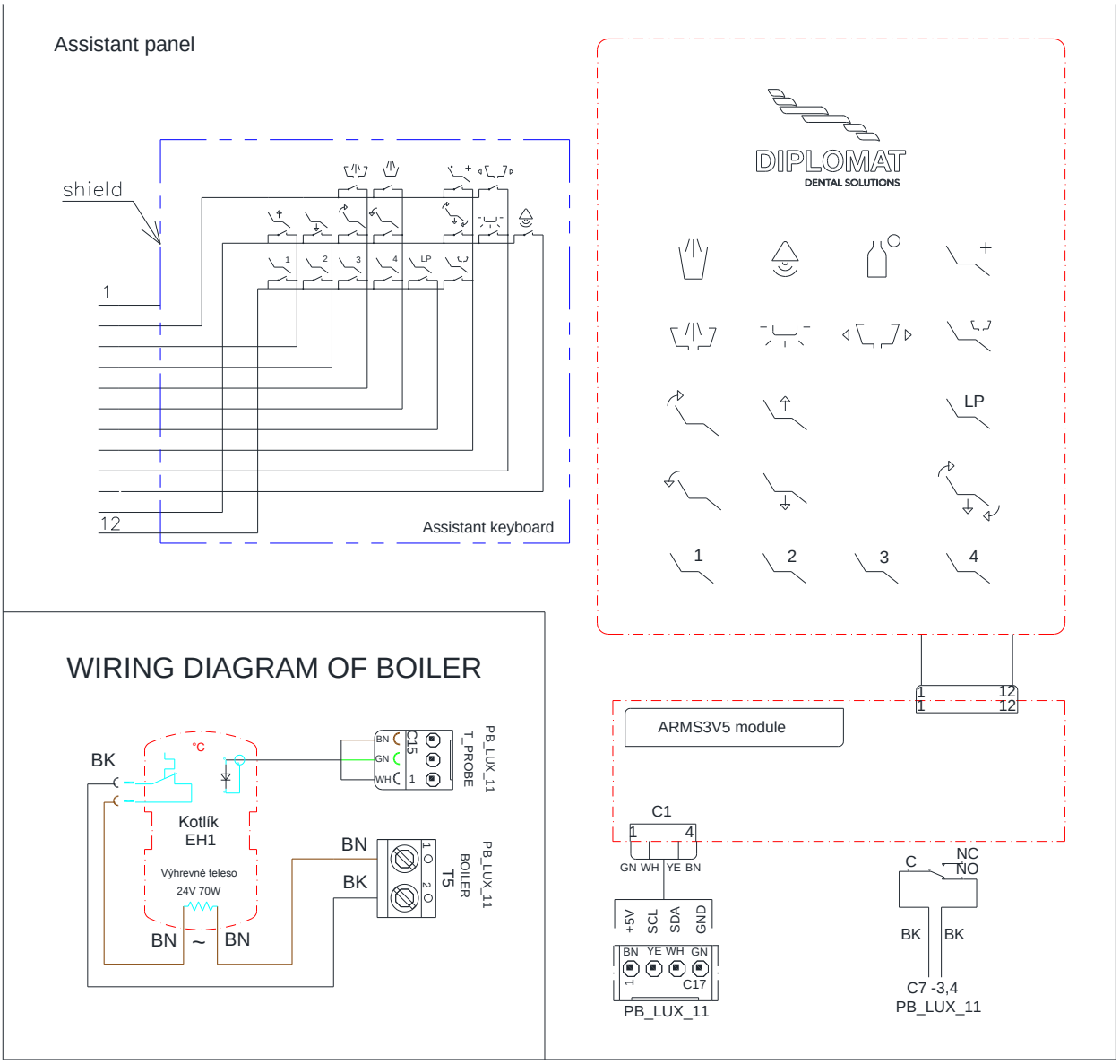
WIRING DIAGRAM OF SPITTON BLOCK FULL DA370 m2015, DA380m2015
V631.60-90-90 16.10.2018



► REMOVAL SENSOR, HEATER AND ASSISTANT'S KEYPAD ELECTRICAL SCHEMATIC (FULL version)

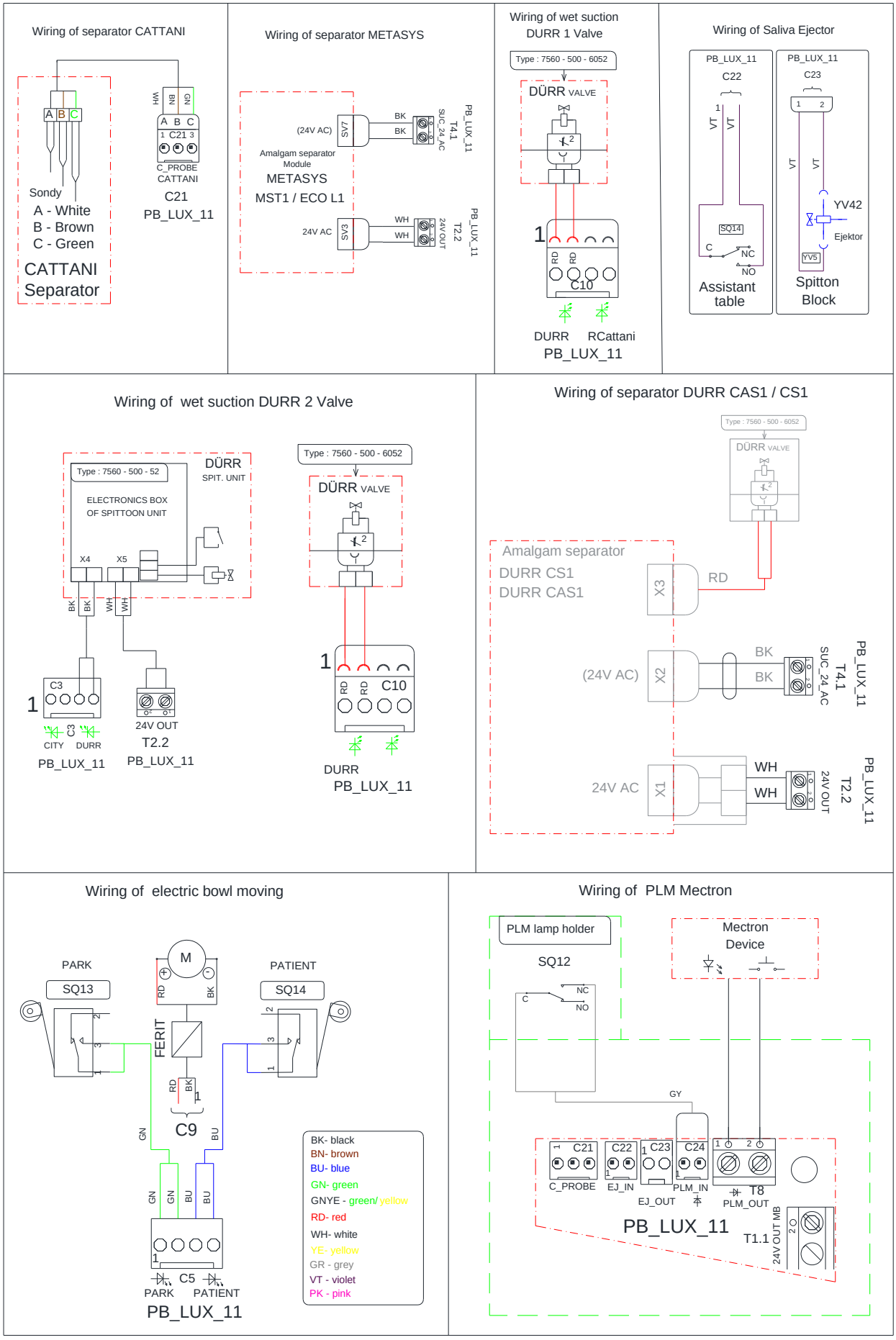
20.3.2018





►BASIN ROTATION AND SUCTION SYSTEM ELECTRICAL SCHEMATIC (FULL version)

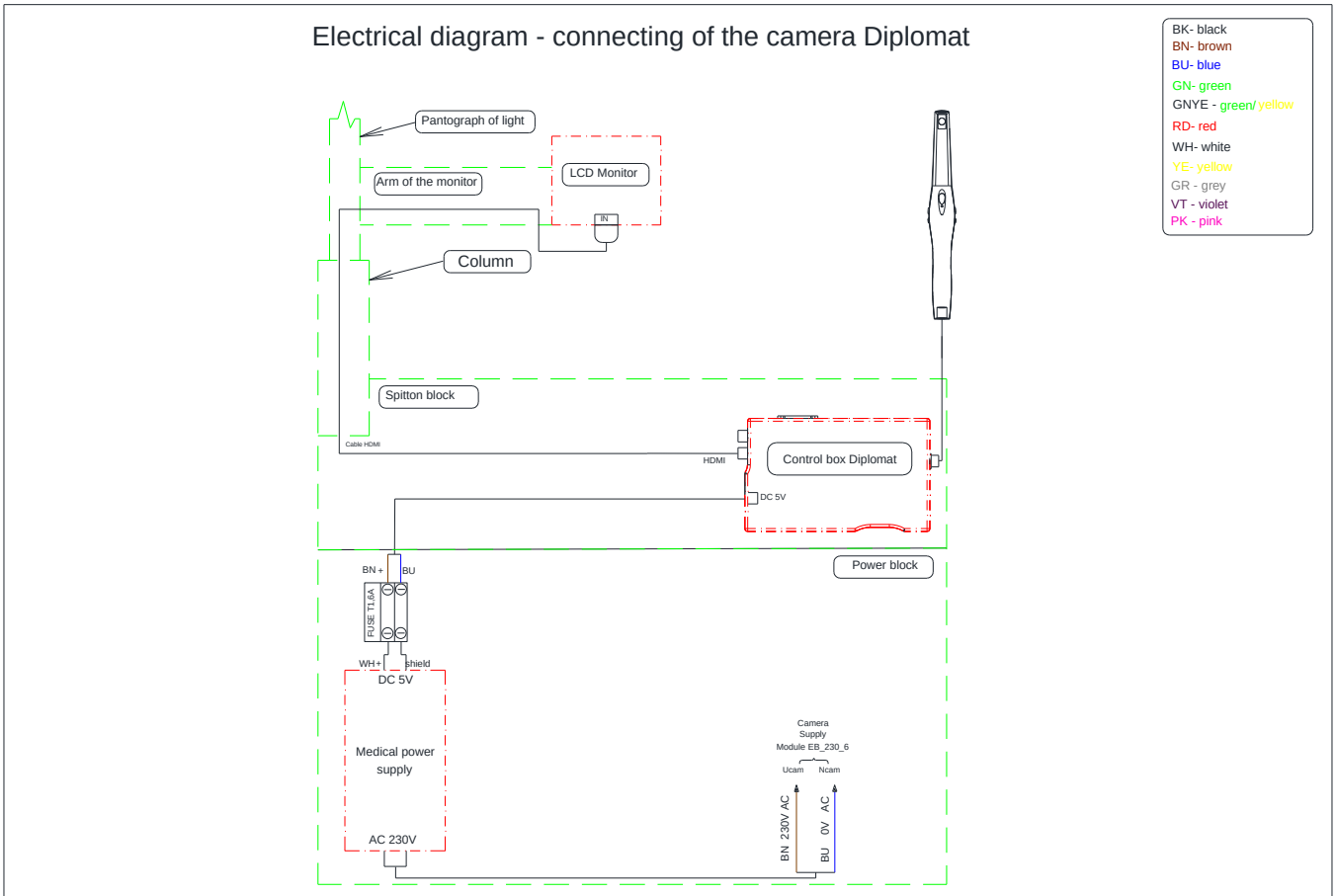
21.3.2018



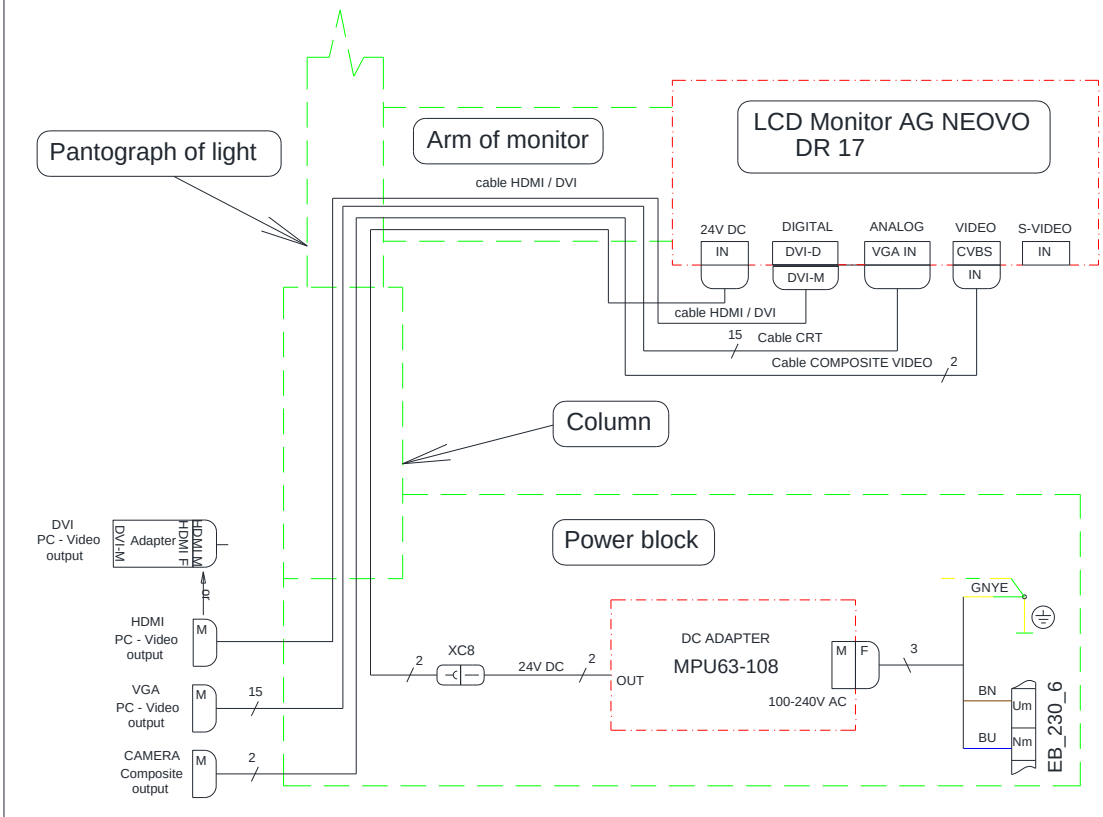
►ELECTRICAL SCHEMATIC FOR CAMERA AND MONITOR (FULL version)

V631.60-90-90 26.9.2016

Electrical diagram - connecting of the camera Diplomat



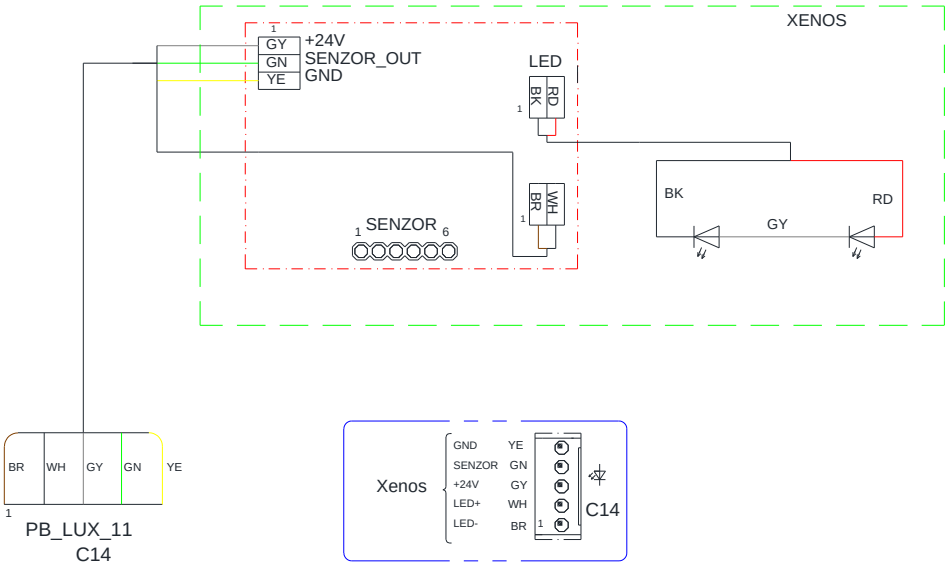
Wiring diagram of the monitor NEOVO



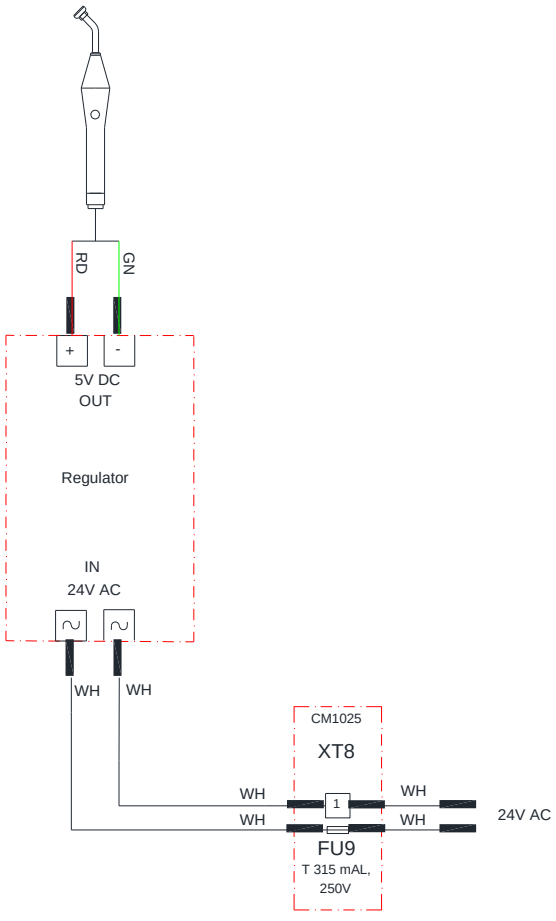
►ELECTRICAL SCHEMATIC FOR XENOS AND SIRIUS LIGHTS, MONITEX (FULL version)

25.6.2018

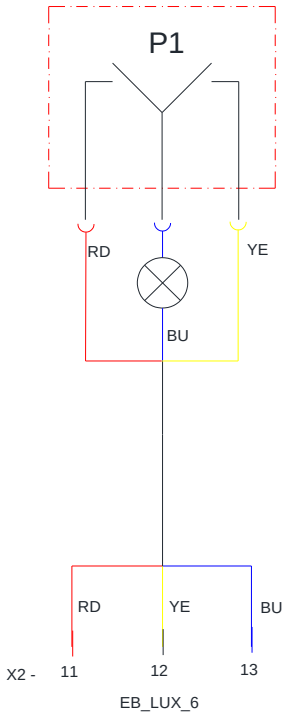
XENOS



PLM MONITEX



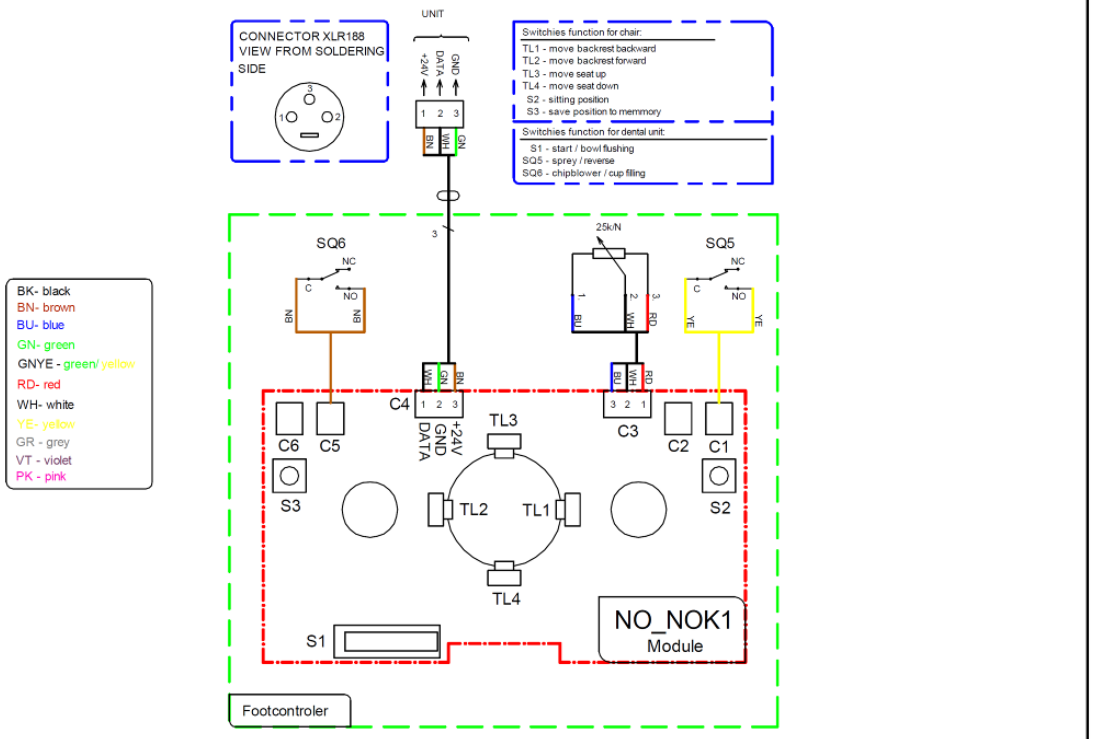
Sírius with selector - Carried Unit



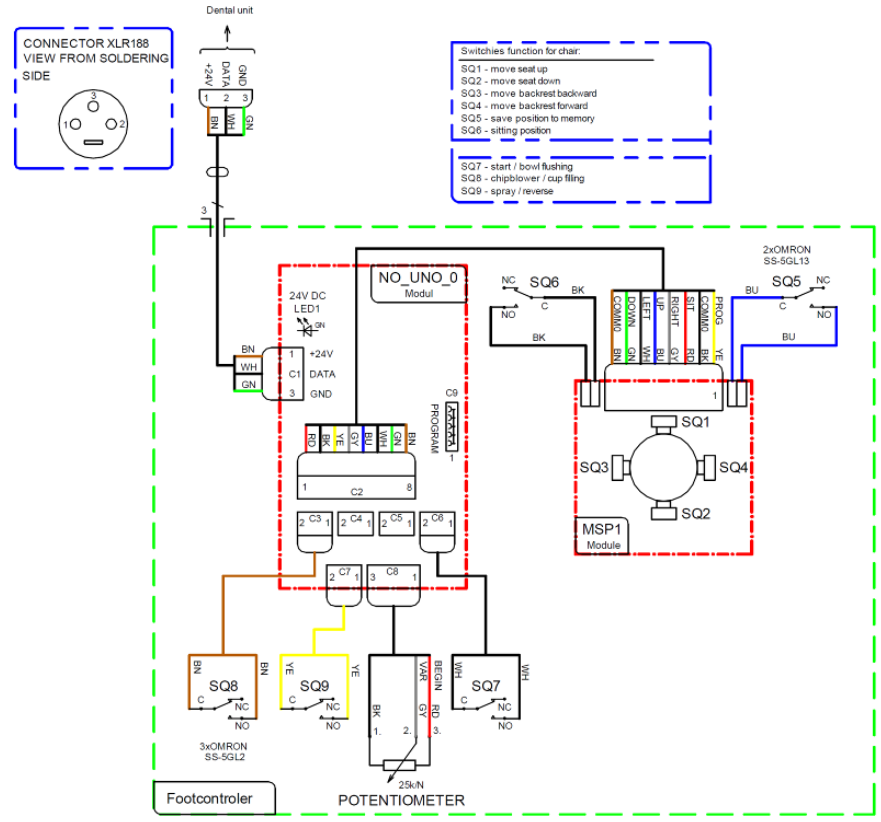
►UNO/NOK HARD-WIRED FOOT CONTROLLER ELECTRICAL SCHEMATIC (FULL version)

WIRING DIAGRAM OF SPITTON BLOCK FULL
DA270 m2015, DA280m2015, DA370m2015, DA380,2015
26.9.2016 V631.60-90-90

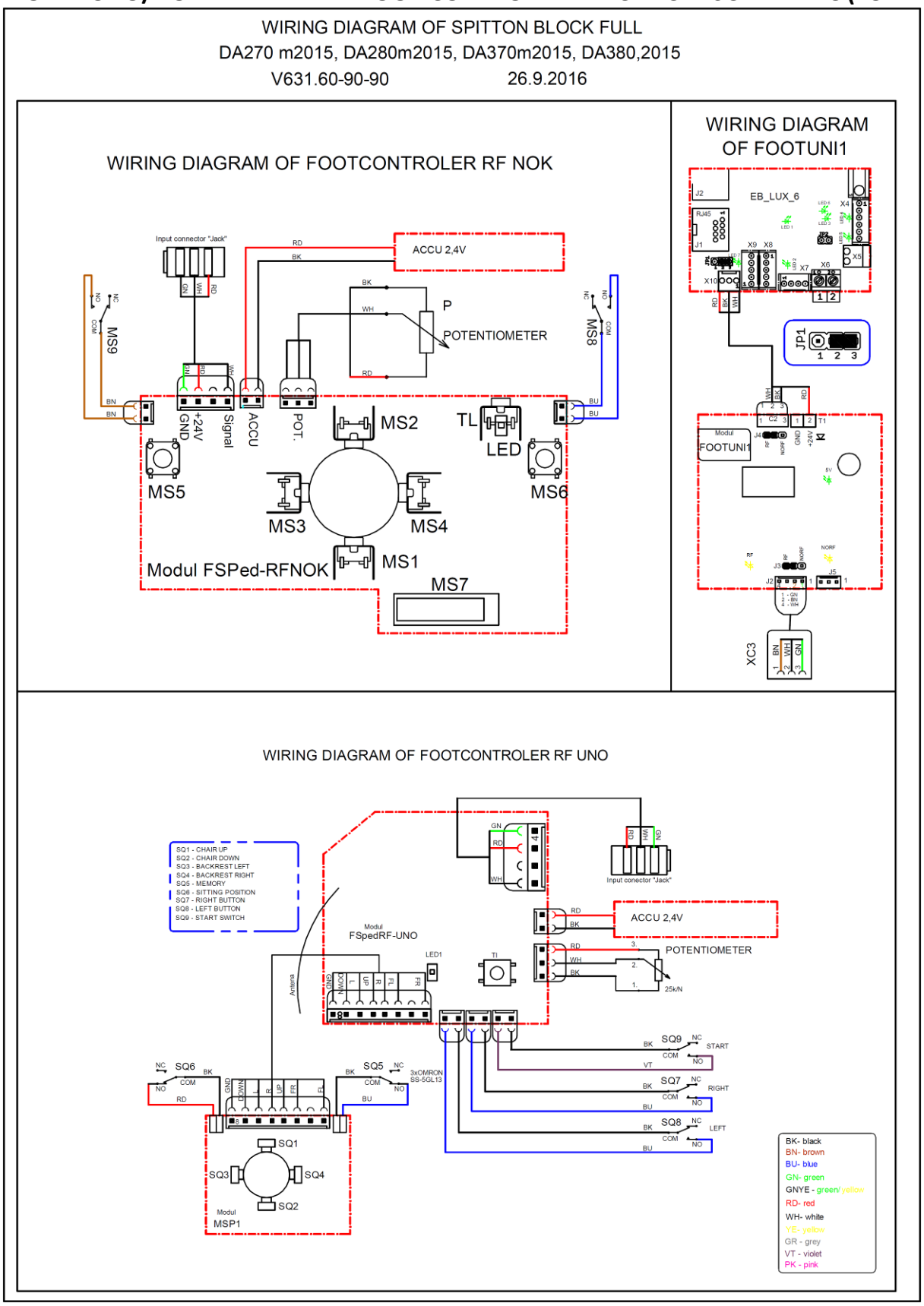
WIRING DIAGRAM OF FOOTCONTROLER NOK



WIRING DIAGRAM OF FOOTCONTROLER UNO

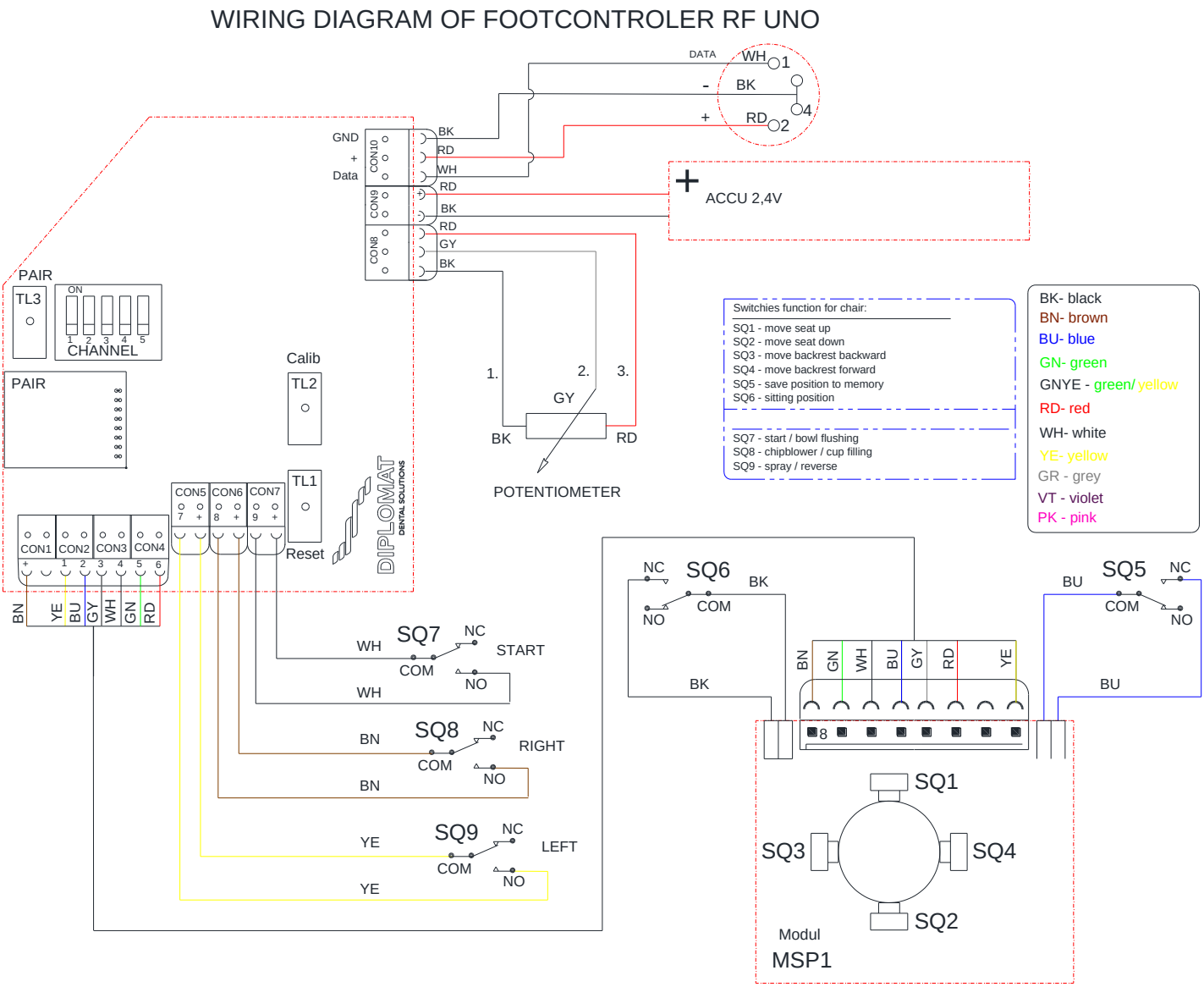


►2015 MODEL UNO/NOK HARD-WIRED FOOT CONTROLLER ELECTRICAL SCHEMATIC (FULL version)

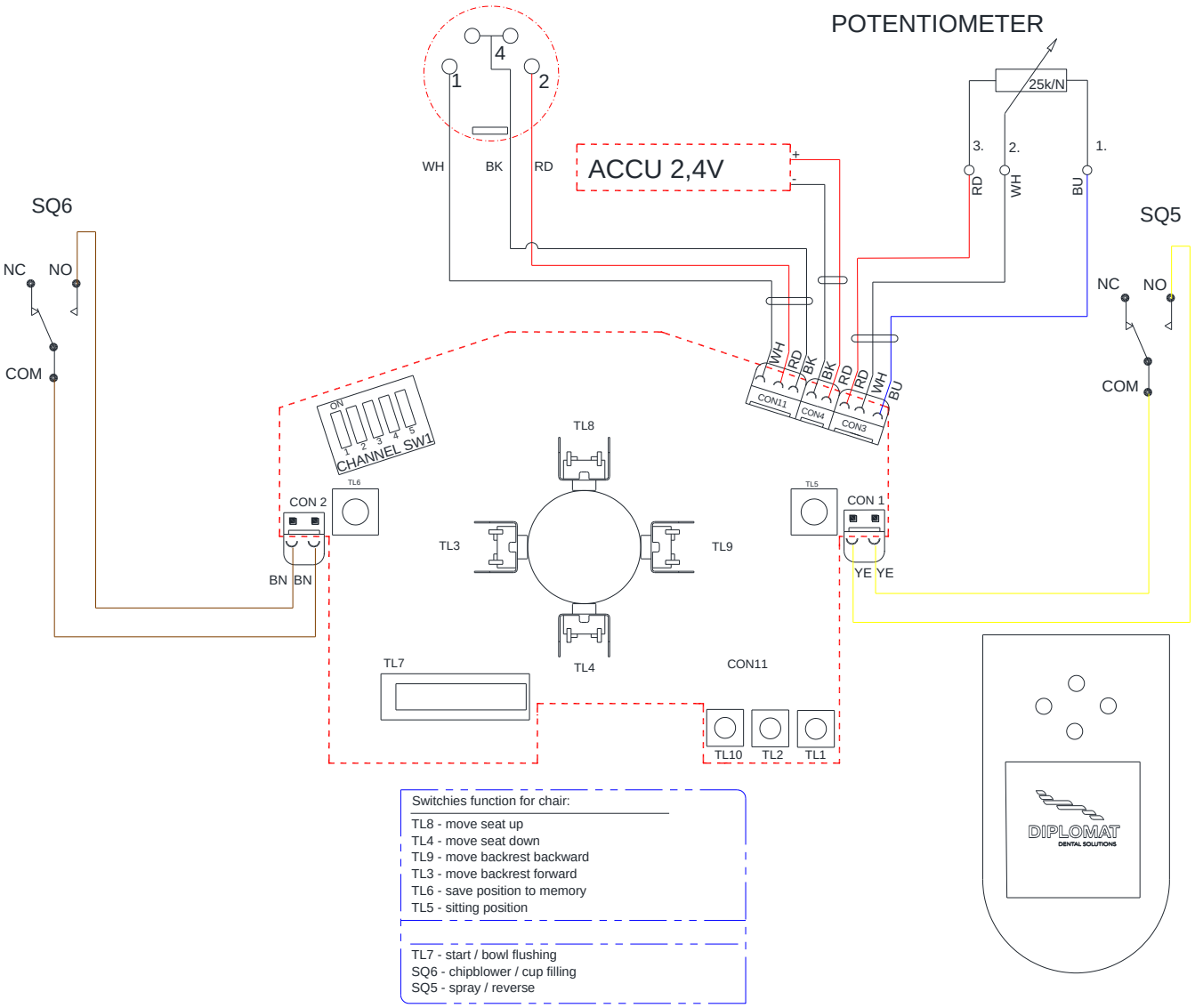


►2018 MODEL UNO/NOK HARD-WIRED FOOT CONTROLLER ELECTRICAL SCHEMATIC (FULL version)

V631.60-90-90 22.05.2018



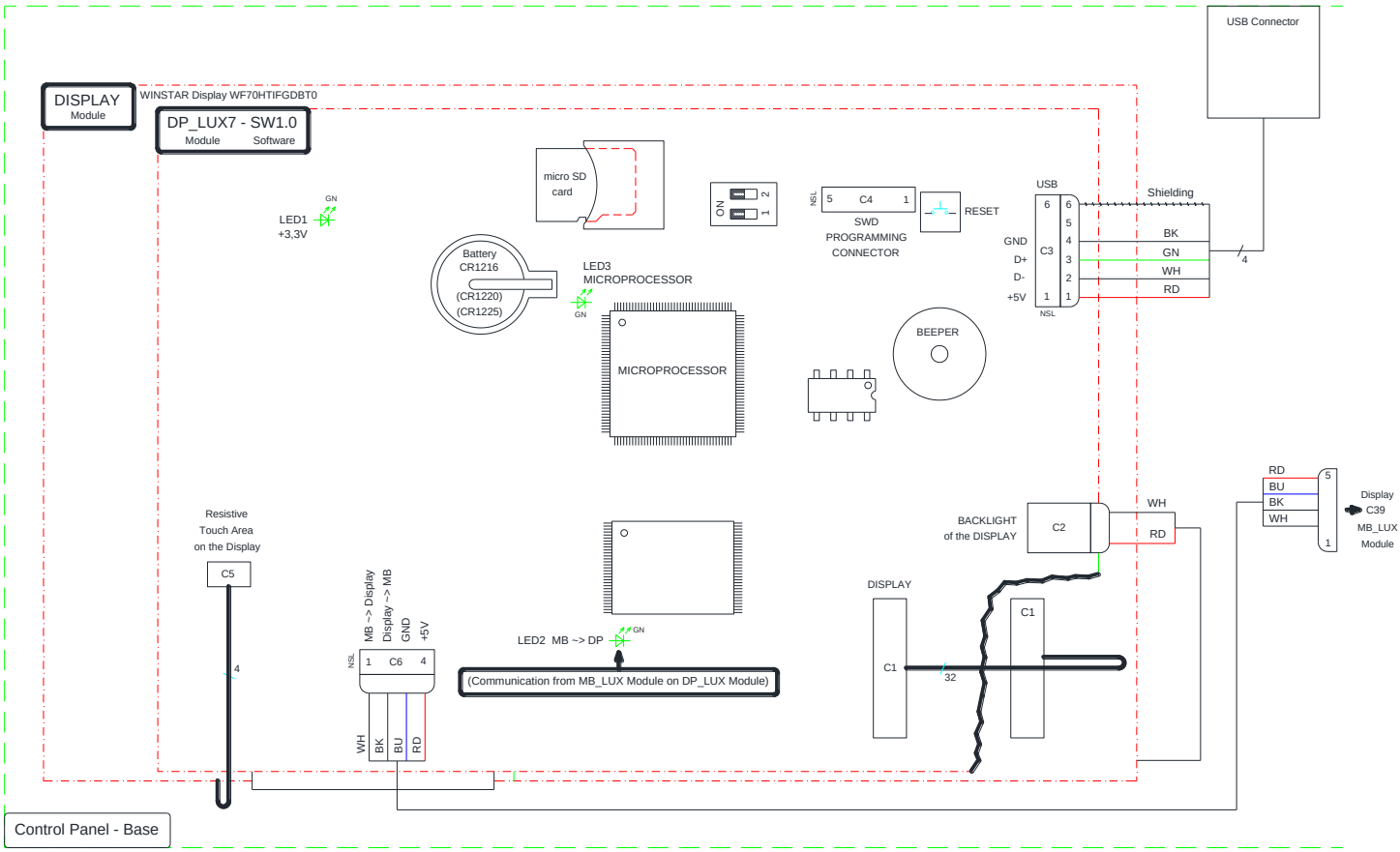
WIRING DIAGRAM OF FOOTCONTROLER RF NOK



Control panel schematics

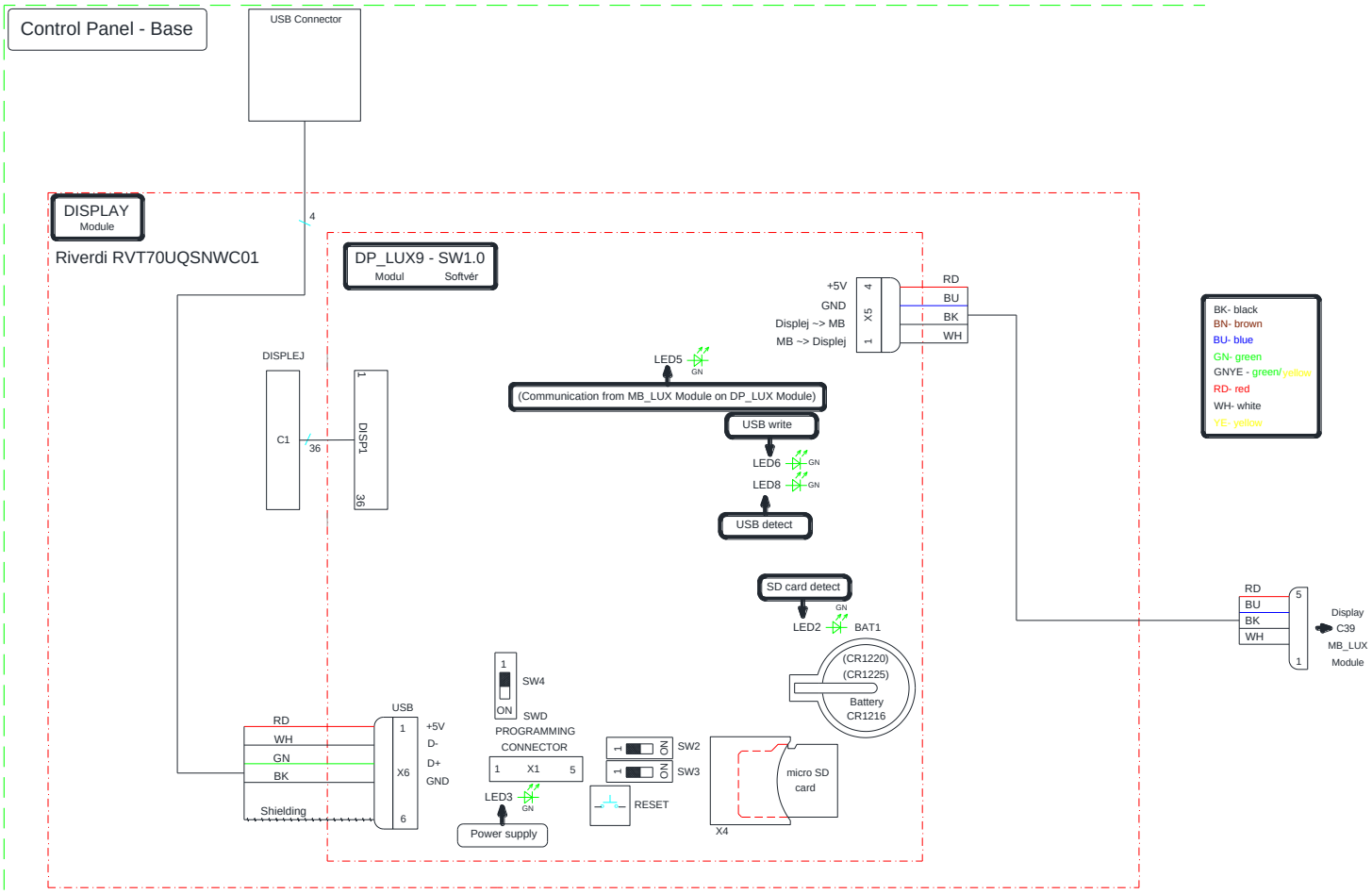
►RESISTIVE DISPLAY ELECTRICAL SCHEMATIC

2.1.2017



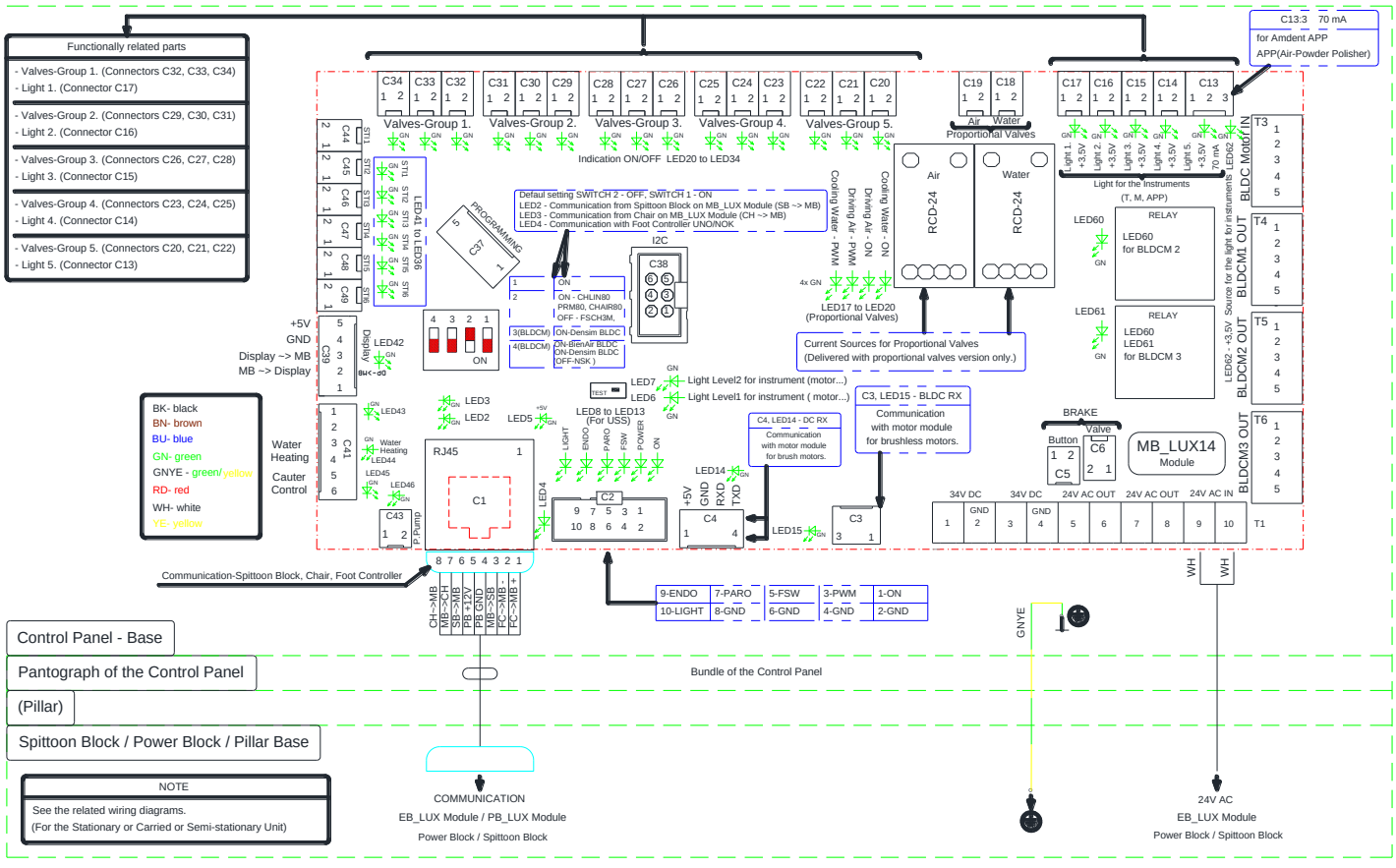
►CAPACITIVE DISPLAY ELECTRICAL SCHEMATIC

2.1.2017



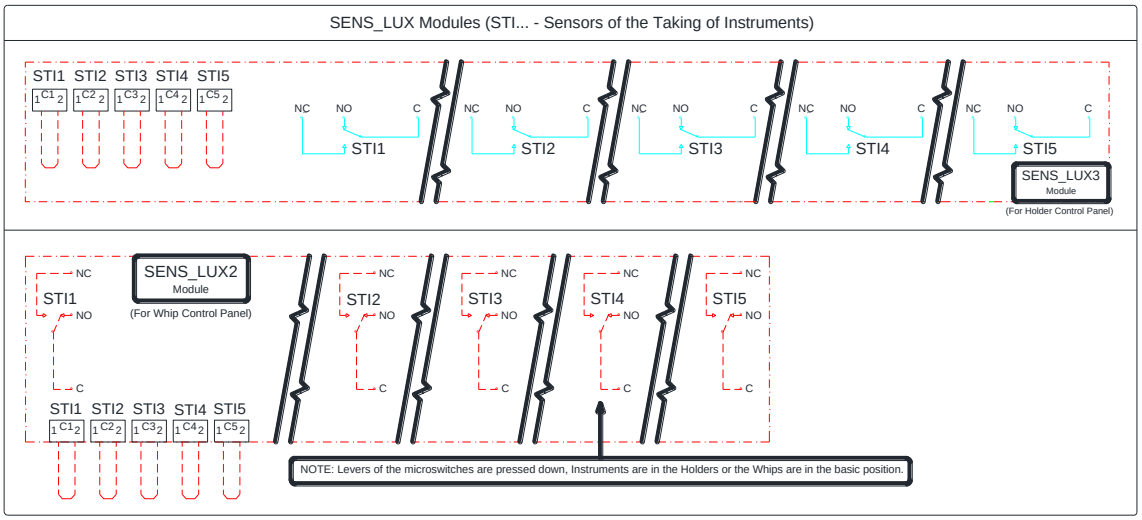
►BASIC DENTIST'S TABLE ELECTRICAL SCHEMATIC

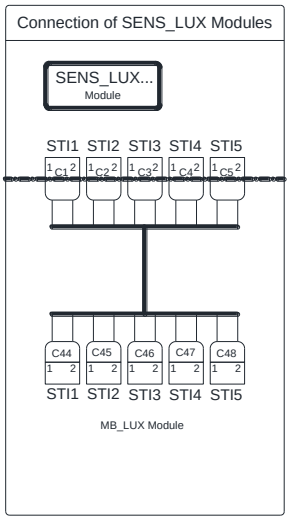
25.5.2018

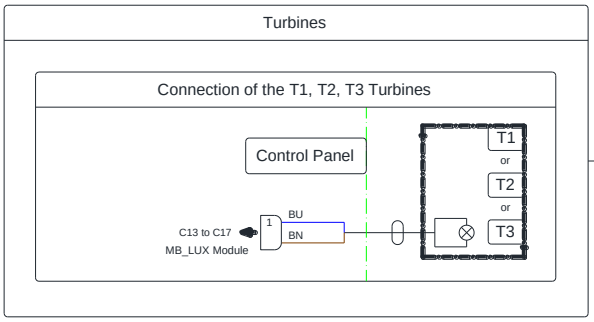


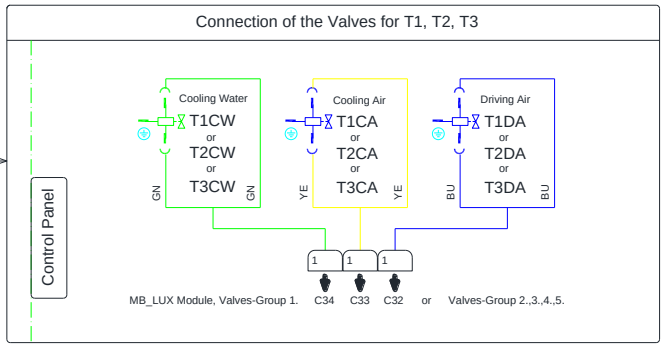
► ELECTRICAL SCHEMATIC - SENSORS FOR REMOVAL OF 5 INSTRUMENTS AND TURBINE

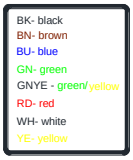
2.1.2017









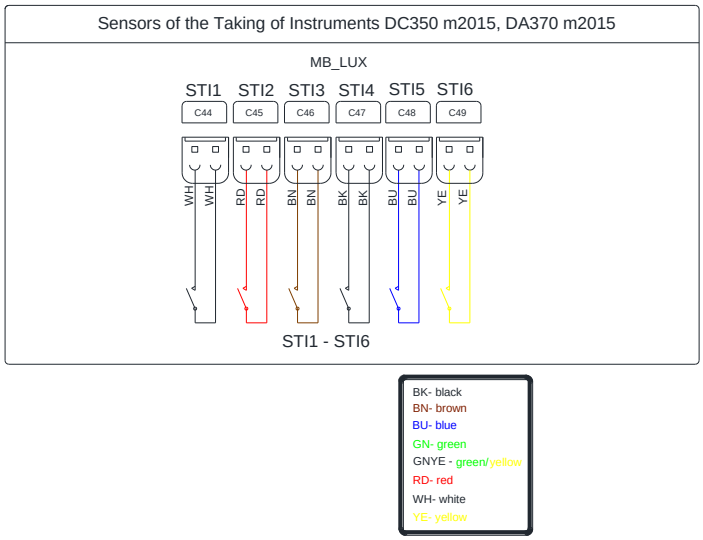


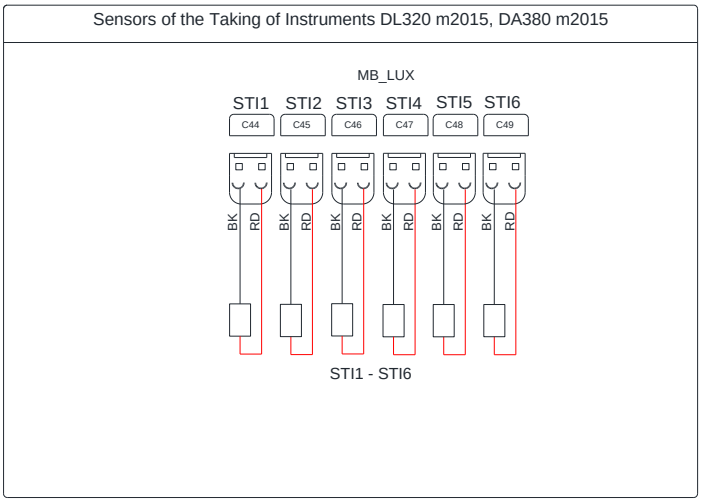
►ELECTRICAL SCHEMATIC - SENSORS FOR REMOVAL OF 6 INSTRUMENTS AND TURBINE

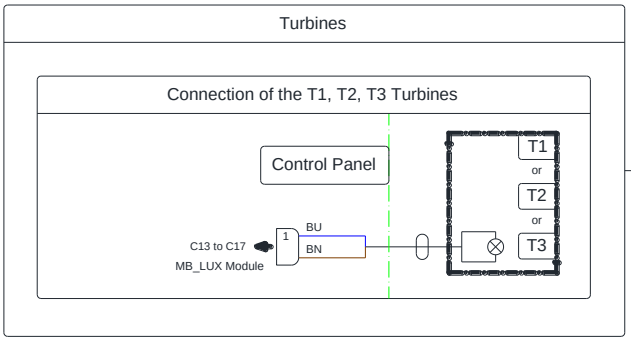
Wiring diagram of the Control Panel - Connections: Sensors of the Taking, Turbine

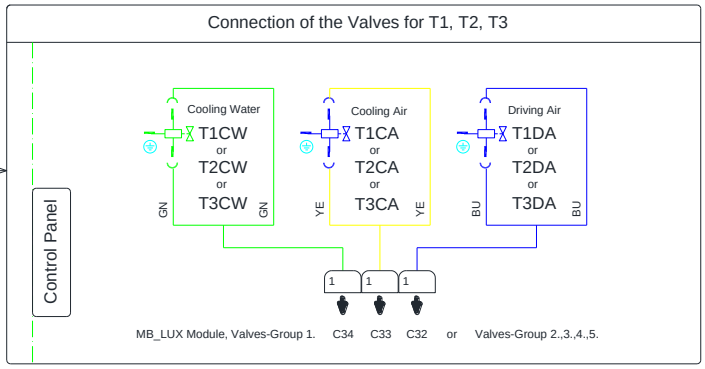
DL320 m2015, DC350 m2015, DA370 m2015, DA380 m2015

2.1.2017





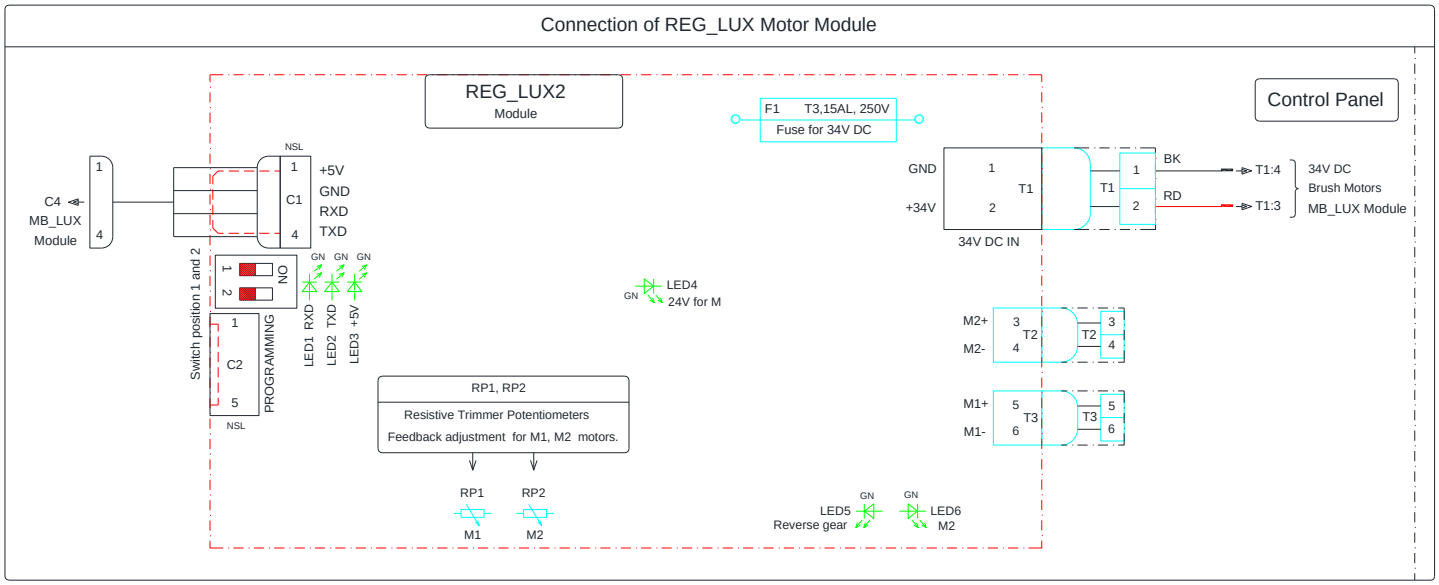


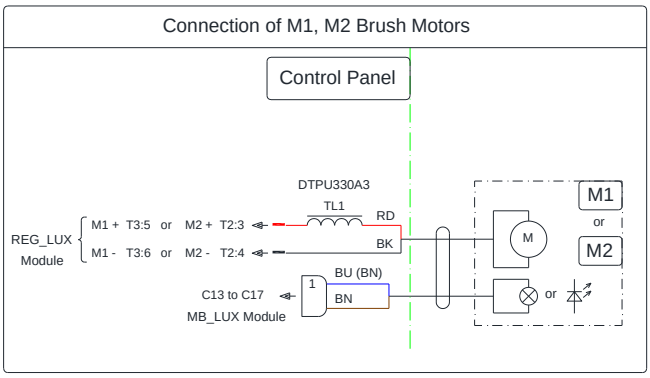


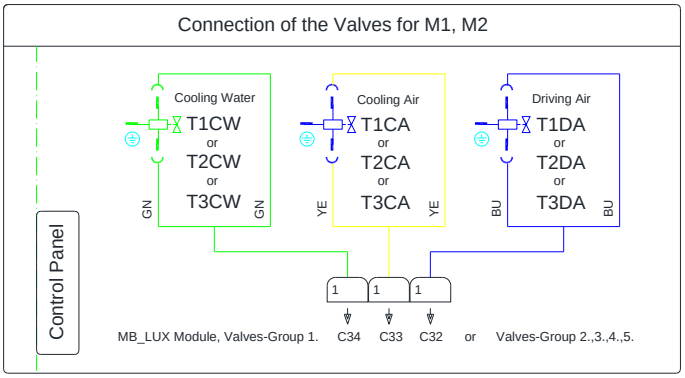
►DC MOTOR ELECTRICAL SCHEMATIC

2.1.2017

Brush Motors



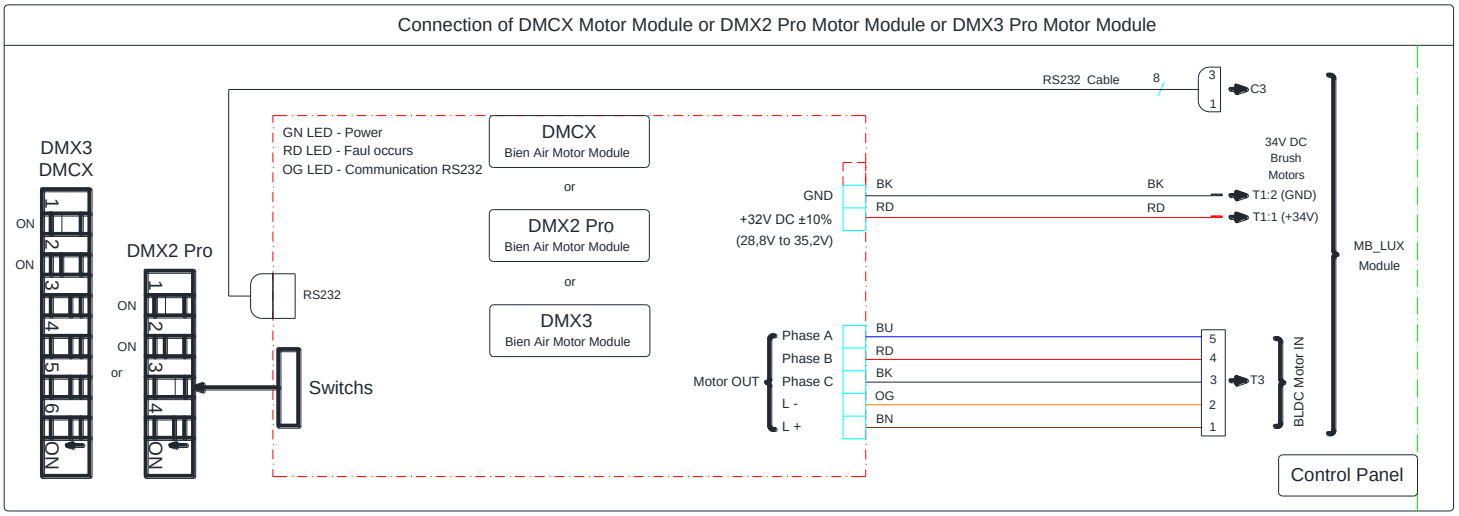


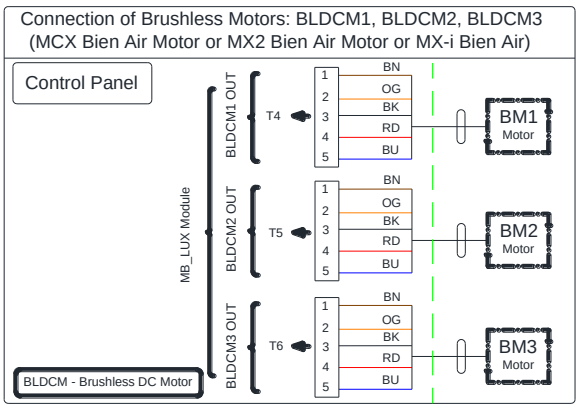


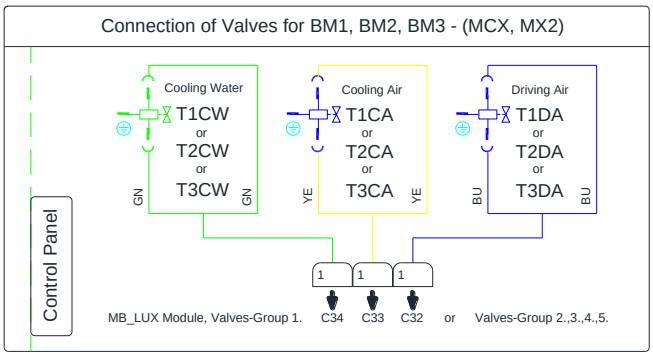
►BRUSHLESS MOTOR ELECTRICAL SCHEMATIC

2.1.2017

Brushless Motors







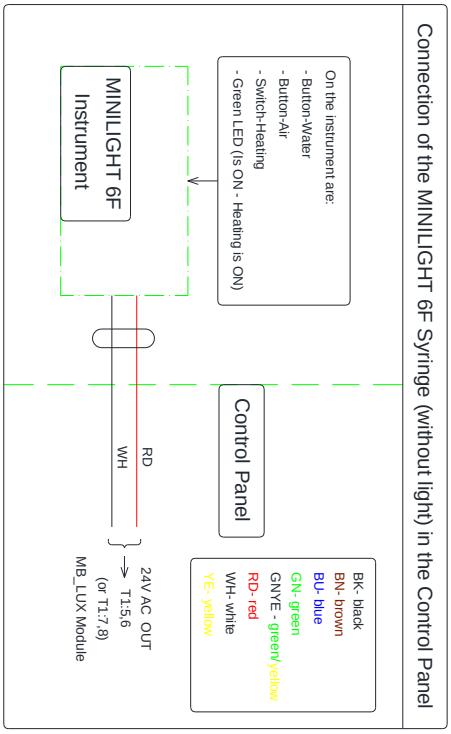
BK- black
BN- brown
BU- blue
GN- green
GNYE - green/yellow
RD- red
WH- white
YE- yellow
OG- orange

►ELECTRICAL SCHEMATIC – Pneumatic brake, Minilight 6F Syringes, PLM Mectron and proportional valve

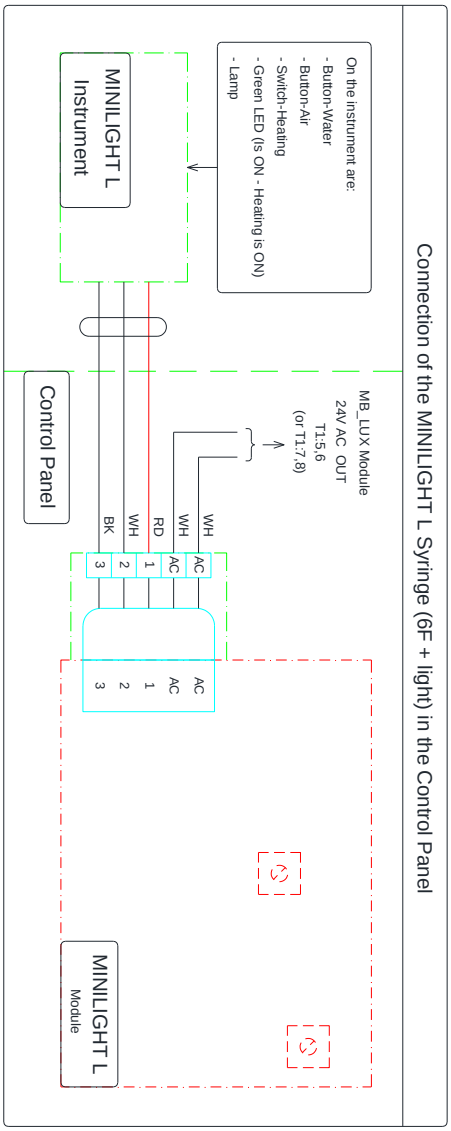
for DL210 m.15, DC310 m.15, DA270 m.15, DA280 m.15, DL320 m.15, DC350 m.15, DA370 m.15, DA380 m.15

15.2.2017

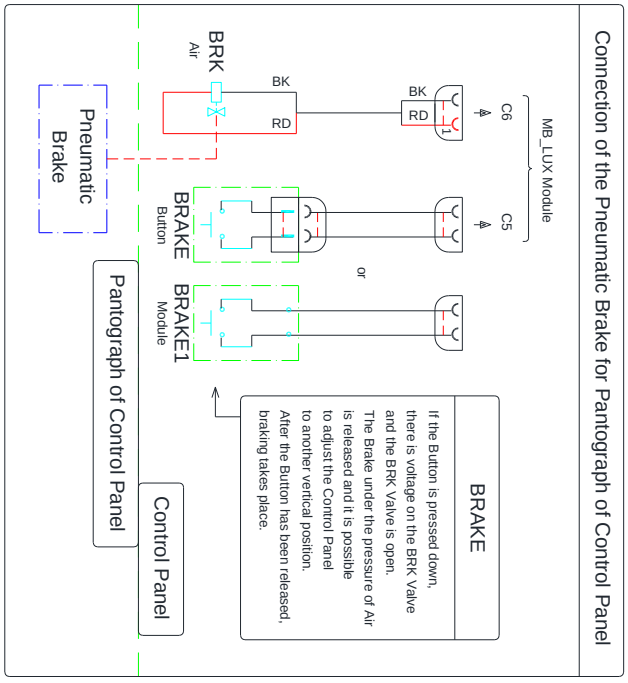
Connection of the MINILIGHT 6F Syringe (without light) in the Control Panel



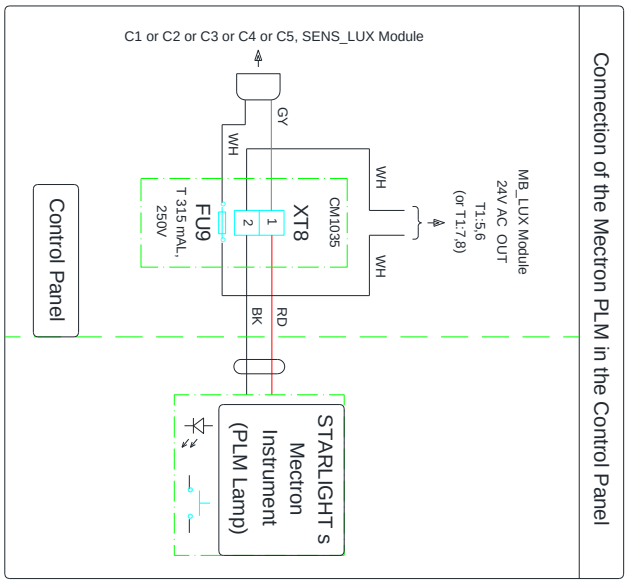
Connection of the MINILIGHT L Syringe (6F + light) in the Control Panel



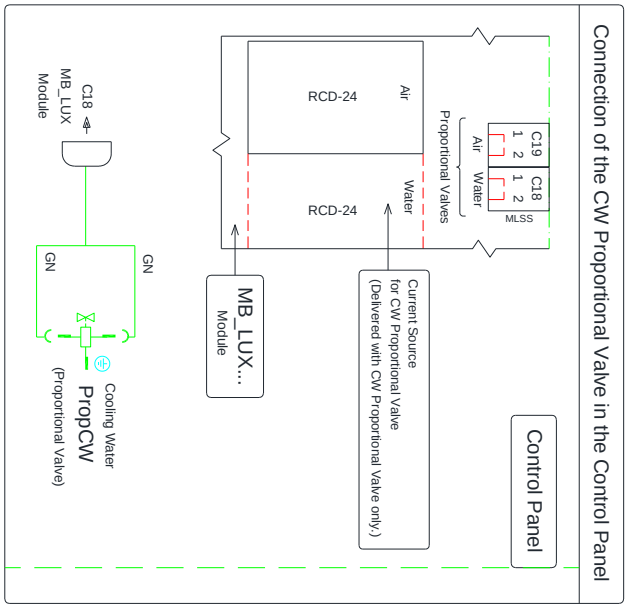
Connection of the Pneumatic Brake for Pantograph of Control Panel



Connection of the Mectron PLM in the Control Panel



Connection of the CW Proportional Valve in the Control Panel



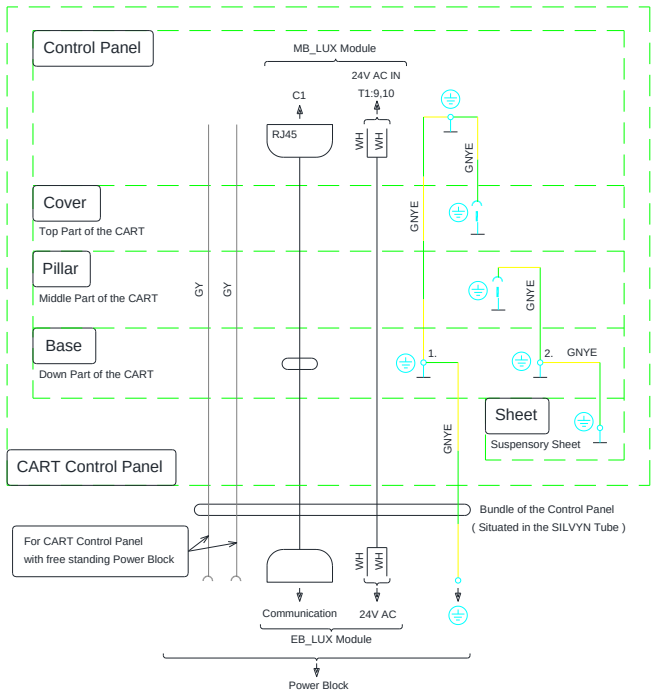
►ELECTRICAL SCHEMATIC - CART

Wiring diagram of the Control Panel - Connections for CART

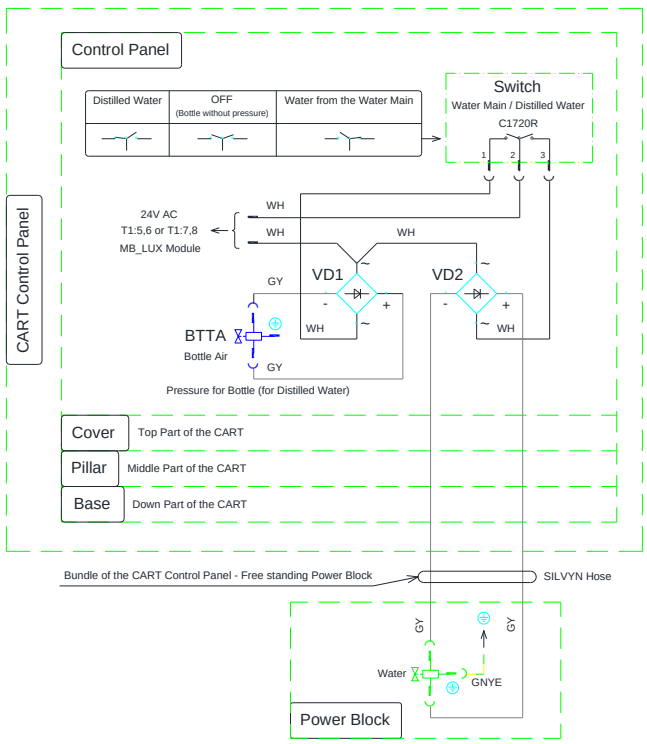
for DL210 m.15, DA280 m.15, DL320 m.15, DA380 m.15

2.1.2017

Connection of the Control Panel for the CART Control Panel.

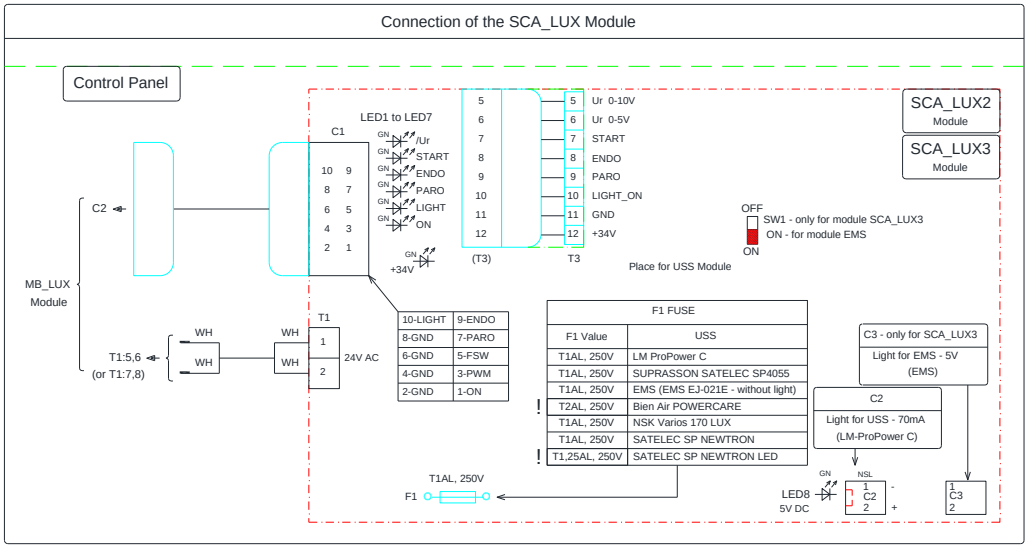


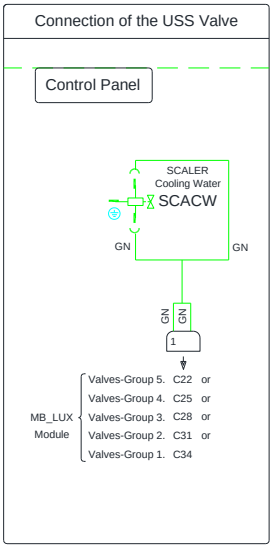
Connection for switching between Water Main / Distilled Water (Connection of the Central)
for the CART Control Panel (With DL210 Control Panel.)
with free standing the Power Block

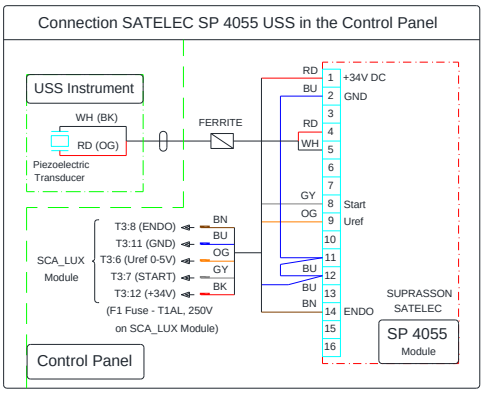


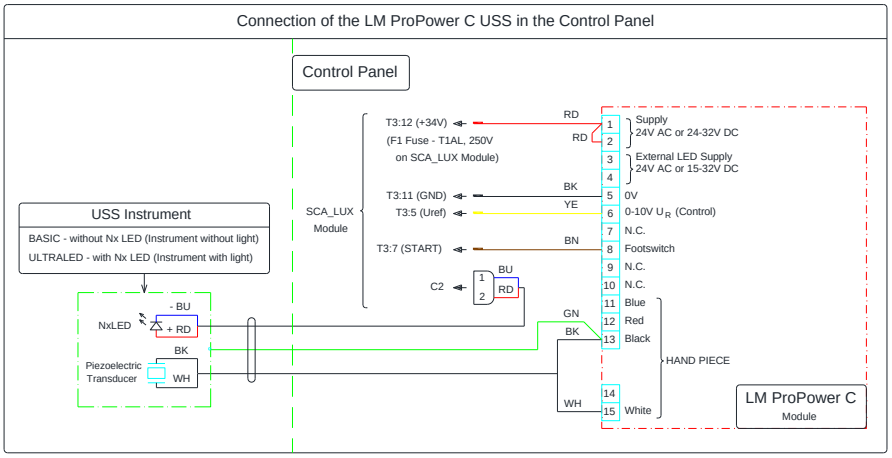
►ELECTRICAL SCHEMATIC SCA_LUX MODULE

22.9.2017



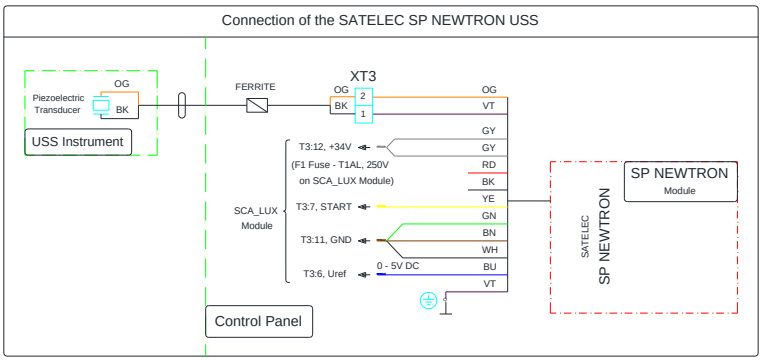


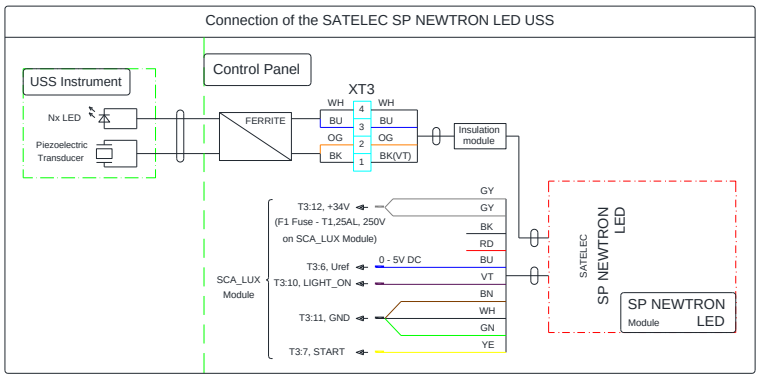


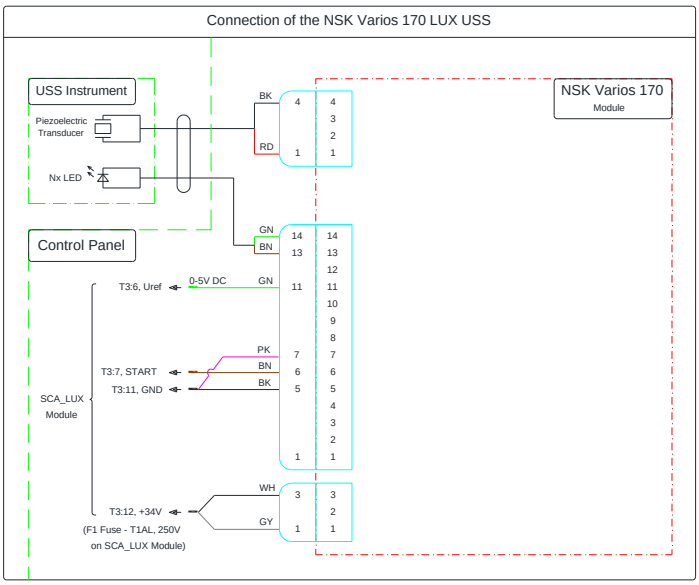


►ELECTRICAL SCHEMATIC SCALER SATELEC, NSK

14.2.2018



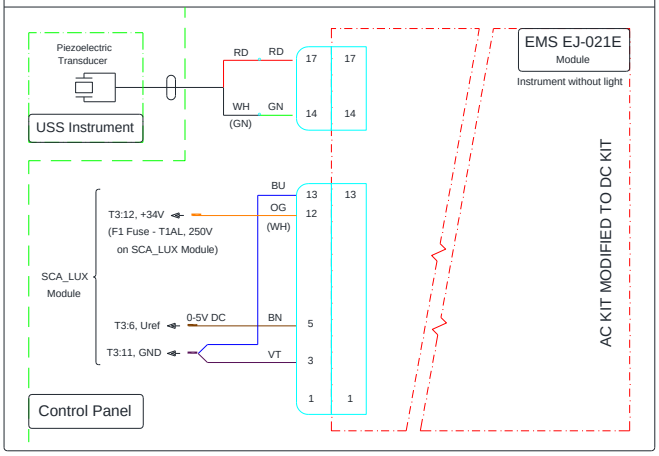




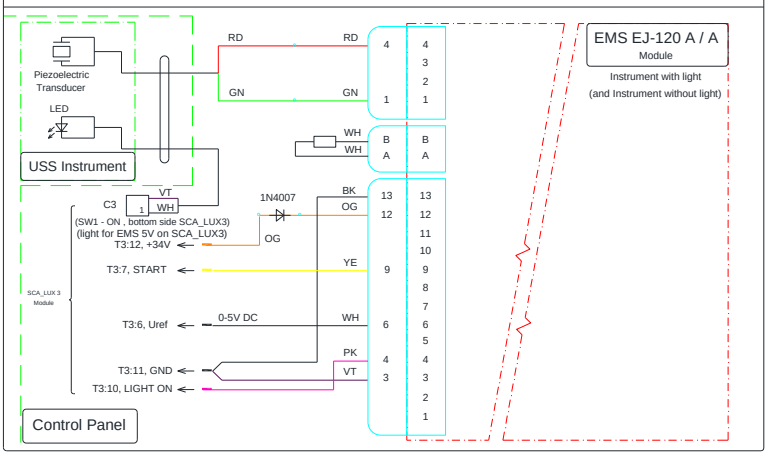
►ELECTRICAL SCHEMATIC USS EMS, CAUTER

24.10.2018

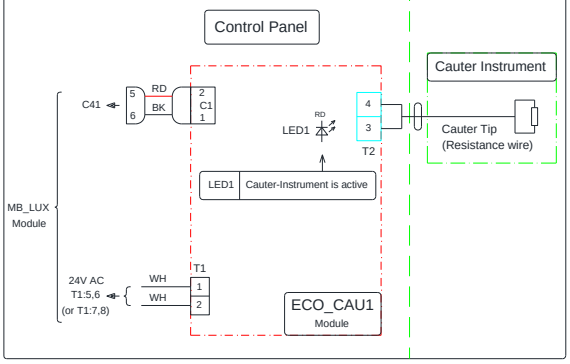
Connection of the EMS USS - Instrument without light (FS286)



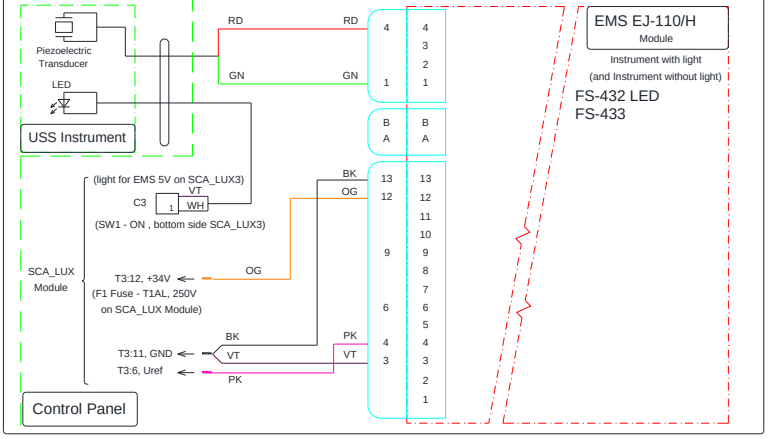
Connection of the EMS USS - Instrument with light (FS-367 s LED)



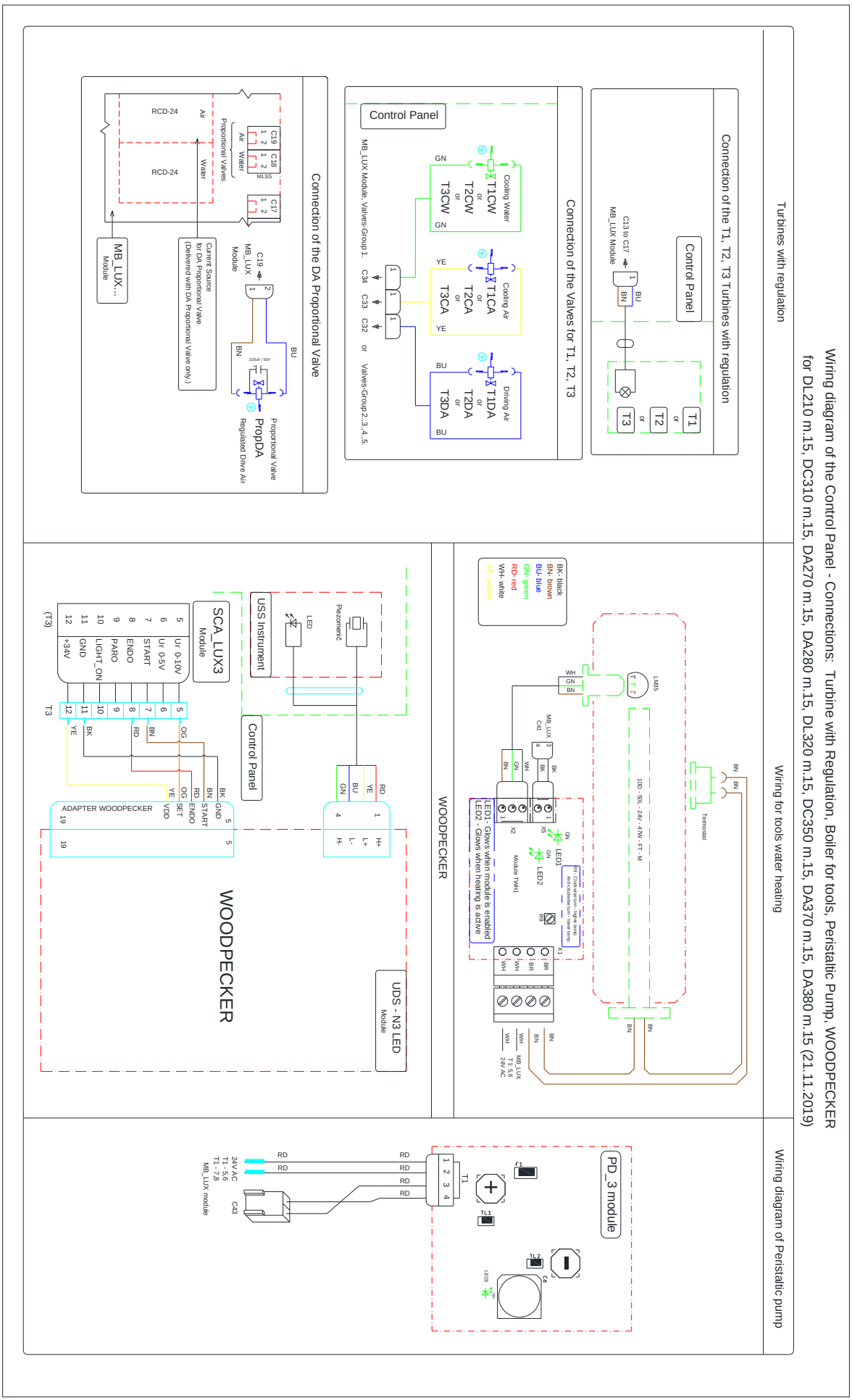
Connection of the Cauter



Connection of the EMS USS - Instrument with light FS-432 LED and FS-433



► CONNECTION SCHEME OF TURBINE WITH REGULATION, WOODPECKER

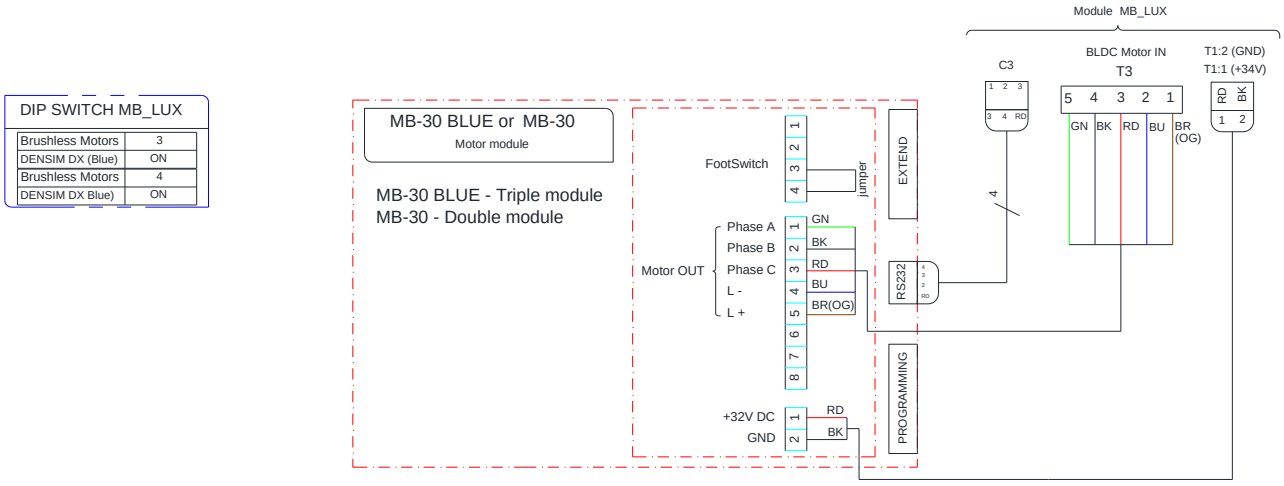

Wiring diagram of the Control Panel - Connections: Turbine with Regulation, Boiler for tools, Peristaltic Pump, WOODPECKER
for DL210 m.15, DC310 m.15, DA270 m.15, DA280 m.15, DL320 m.15, DC350 m.15, DA370 m.15, DA380 m.15 (21.11.2019)
Turbines with regulation
Wiring for tools water heating
Wiring diagram of Peristaltic pump
Connection of the T1, T2, T3 Turbines with regulation
Control Panel
T1
or
T2
or
T3
MB_LUX Module
C13 to C17
Connection of the Valves for T1, T2, T3
Control Panel
T1CW
or
T2CW
or
T3CW
Cooling Water
T1CA
or
T2CA
or
T3CA
Cooling Air
T1DA
or
T2DA
or
T3DA
Driving Air
MB_LUX Module, Valves-Group 1.
C34 C33 C32 or Valves-Group 2.,3.,4.,5.
Connection of the DA Proportional Valve
RCD-24
RCD-24
Air
Water
Proportional Valves
C19 C18 MLSS
C17
MB_LUX...
Module
Current Source for DA Proportional Valve (Delivered with DA Proportional Valve only.)
MB_LUX Module
C19
220uF / 50V
PropDA
Proportional Valve
Regulated Drive Air
BK- black
BN- brown
BU- blue
GN- green
RD- red
WH- white
YE- yellow
LM65
1 2 3
1 2 3
1 2 3

►ELECTRICAL SCHEMATIC – DX, DX BLUE MOTORS

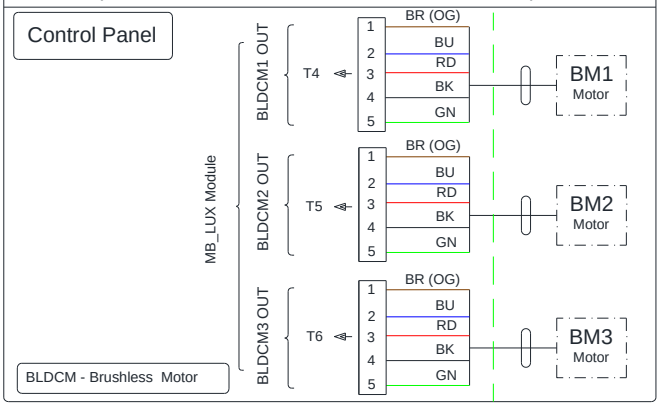
21.6.2018

Brushless Motors

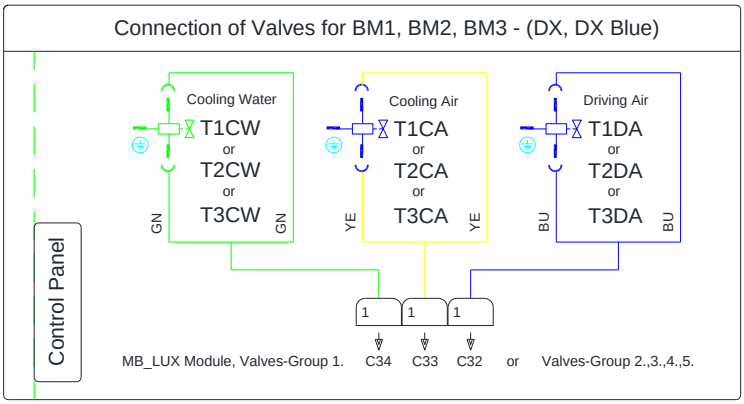
Connection of DX / DX BLUE Motor Module



Connection of Brushless Motors: BLDCM1, BLDCM2, BLDCM3 (DX Densim Motor or DX Blue Densim Motor)



Connection of Valves for BM1, BM2, BM3 - (DX, DX Blue)

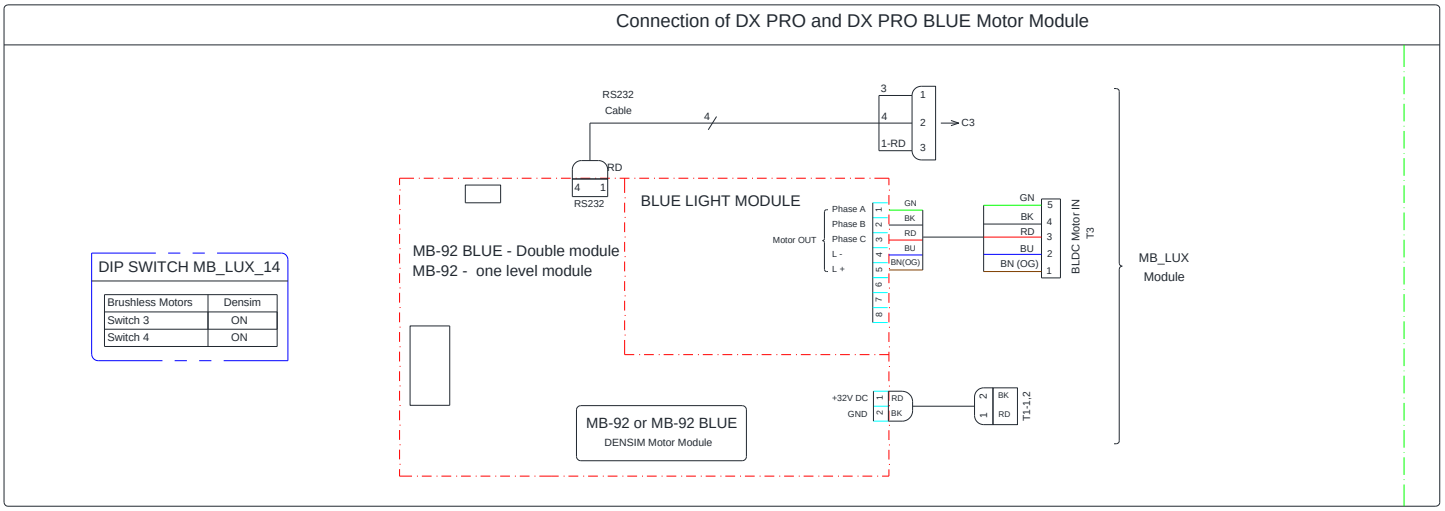


►ELECTRICAL SCHEMATIC – DX PRO, DX PRO BLUE MOTORS

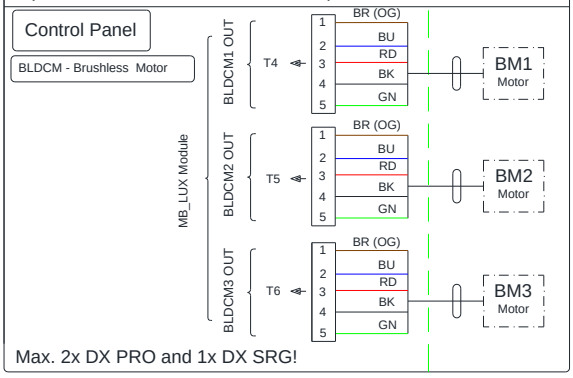
21.6.2018

Brushless Motors

Connection of DX PRO and DX PRO BLUE Motor Module

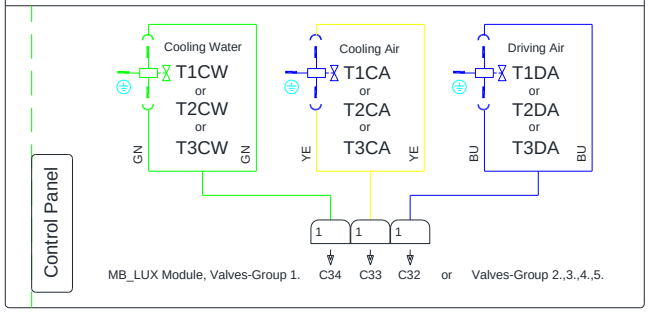


Connection of Brushless Motors: BLDCM1, BLDCM2, BLDCM3 (DX PRO Densim, DX SRG Densim)



Max. 2x DX PRO and 1x DX SRG!

Connection of Valves for BM1, BM2, BM3 - (DX Pro)



BK- black
BN- brown
BU- blue
GN- green
GNYE - green/yellow
RD- red
WH- white
YE- yellow
OG- orange

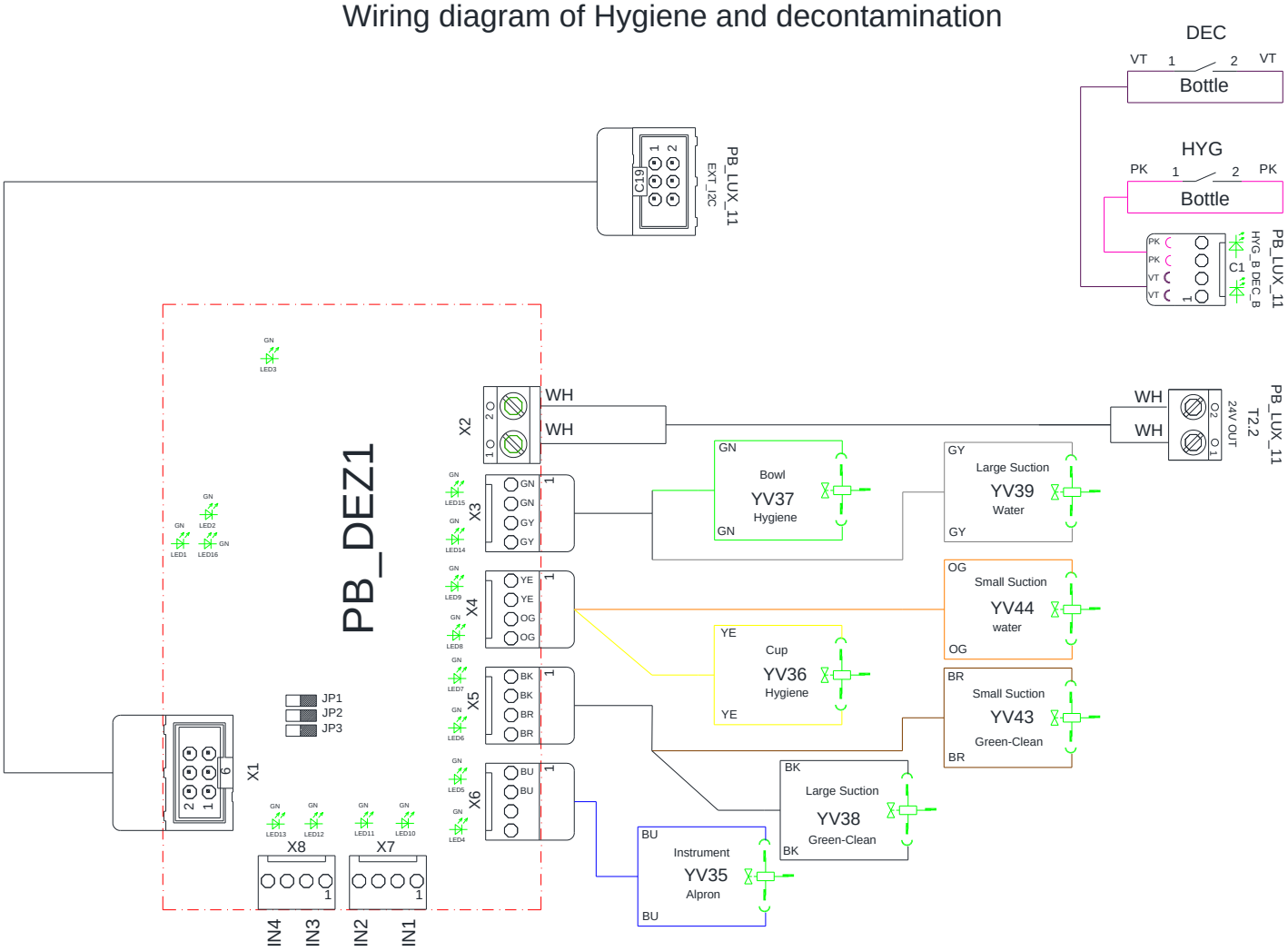
►ELECTRICAL SCHEMATIC HYGIENE

WIRING DIAGRAM OF SPITTON BLOCK FULL

DA270 m2015, DA280m2015, DA370m2015, DA380,2015

V631.60-90-90 21.3.2018

Wiring diagram of Hygiene and decontamination



R6 – Chair set-up

Chair set-up (FSCH3M module)

Automatic set-up of limit positions

The chair automatically determines its maximum possible positions and saves them to memory using this function. This function is best used after a unit has been installed and when the potentiometers have been properly adjusted.

Procedure:

	**Before starting and during this operation, ensure the spittoon basin is in its idle position on the limit switch. Otherwise it will prevent the chair from moving! There also must be open space to allow the chair to move into all its maximum positions.**

1) Set the chair into a position so that no motor is in its maximum position, and ideally with all motors in approximately the middle of their range of motion.

2) Move the AUTOSET EN jumper to the ON position

3) Press the AUTOSET button on the printed circuit board. The chair automatically determines its maximum positions, saves them to memory and sets all the motors to their middle positions. This process is indicated on the display. It begins with the letter "A" and one segment is turned off after it moves to each next step in the sequence of operations. Finally, only the "-" segment is lit, an audible signal is generated and writing to memory is complete.

- ➔ long - short - short signal = data saved, or
- ➔ long - long - long signal = data not saved (Error = "2.")

4) Move the AUTOSET EN jumper to the OFF position.
If the jumper is not moved to the OFF position, the chair cannot be controlled and a warning tone will be generated any time a chair control button is pushed, a continuous short tone with "A" shown on the display.

The basin must remain in its idle position to ensure the chair can move through the upper half of its path of travel. If not, the chair is prevented from moving. The chair is also prevented from moving into its programmes position if such position requires the chair move into the upper half of its path of travel and the basin is not in its idle position. This blocking is indicated by an audible signal, a short repeating tone, until the basin is moved into its idle position. The chair then continues to move into the required position. If the chair strikes the basin as it moves up or in the upper half of its path of travel, the chair will stop and the display will show the "O" signal on the 7-segment display on the chair controller with a long - short - long - short audible signal tone. Return the basin to its idle position and then repeat the chair movement command.
The chair stops if it strikes an impediment during travel and is reversed (which may not always occur if the backrest strikes and impediment). This reverse motion continues until the safety switch keeping the chair away from the impediment clears or the chair reaches a limit position if the safety switch does not clear. During this motion, an audible signal is transmitted, a long, repeating tone and the "o" symbol appears on the 7-segment display. Downward movement of the chair is monitored, along with the movement of the backrest in a backward direction and a collision with the assistant's table with the keypad. The chair does not reverse direction in this case.
Before the chair is moved, the assistant's table must be moved out of the chair's path of travel to prevent a collision and any subsequent damage to the table.

List of errors displayed on the chair control module display:

"**O**" - movement of the chair blocked by activated instrument / chair collision with an instrument holder on the assistant's table
"**O**" - chair blocked by chair safety switches – chair has struck an impediment
"**O.**" - chair blocked in potion and basin protruding into the chair's path of travel
"**1.**" - error in reading the EEPROM memory containing the saved chair positions
"**2.**" - error in writing chair positions to EEPROM memory
"**3.**" - motor1 is activated, but potentiometer1 does not record movement = defective motor, or potentiometer
"**4.**" - motor2 is activated, but potentiometer2 does not record movement = defective motor, or potentiometer
"**6.**" - potentiometer1 is out of working range – if error recurs, perform "AUTOSET"
"**7.**" - potentiometer2 is out of working range – if error recurs, perform "AUTOSET"
"6" - potentiometer1 – connection error: short circuit, open circuit or reversed polarity – value out of permitted tolerance
"7" - potentiometer2 – connection error: short circuit, open circuit or reversed polarity – value out of permitted tolerance
"**9.**" - autoset error where upper limit of the potentiometer ≤ lower limit – certain potentiometer is not reading a position
"**A.**" - autoset error – autoset operation not complete (cause for incomplete autoset operation flashes before "A.")

Procedure for replacing potentiometers used as chair position sensors:

Only those types used by the manufacturer may be used when replacing the chair position potentiometers.
P1 – rotary, 10-turn potentiometer 2k ME 371212.010
P2 – rotary, 3-turn potentiometer 2k ME 371212.011
Before replacing a potentiometer, move the chair to a limit position to the corresponding limit switch:
- for motor1 / pot1 (chair lift) - the chair must be in its maximum up position on the limit switch
- for motor2 / pot2 (chair recline) - the backrest must be in its maximum reclined position (motor M2 must be extended to the limit switch installed in the motor)

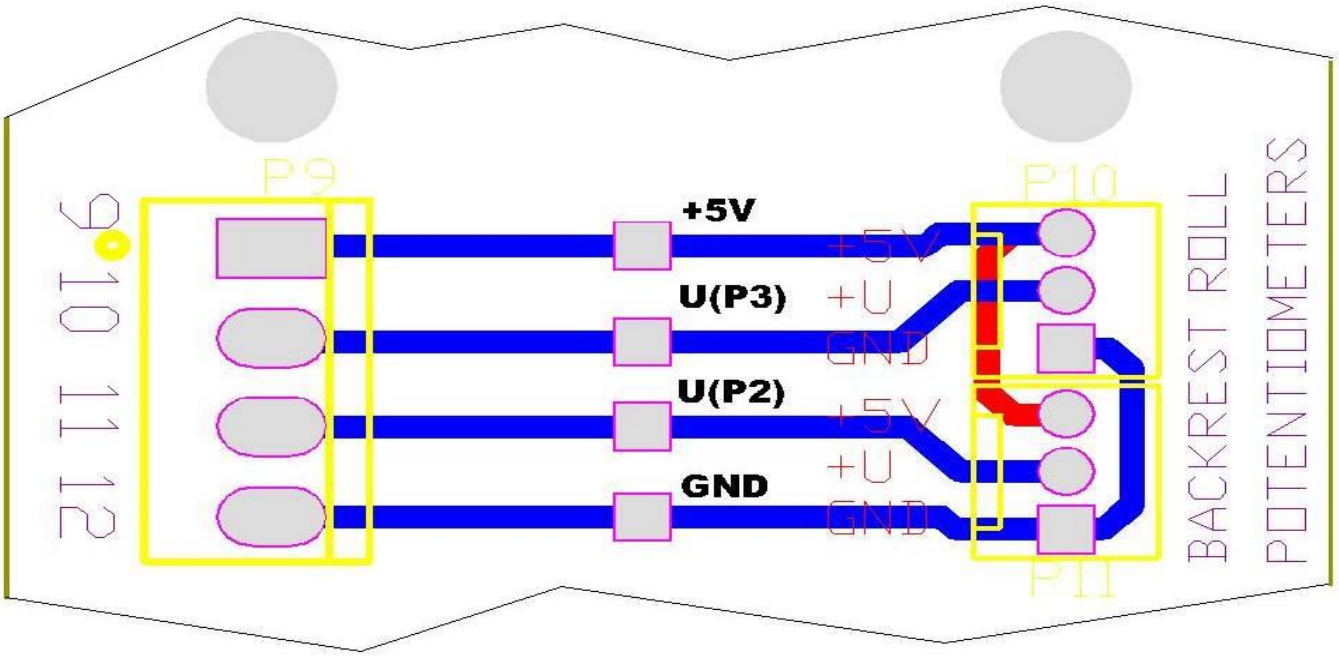
Motor operation all the way to the limit switch is achieved by releasing the corresponding potentiometer from the path of travel

- P1: move the potentiometer with the gear from the threaded rod

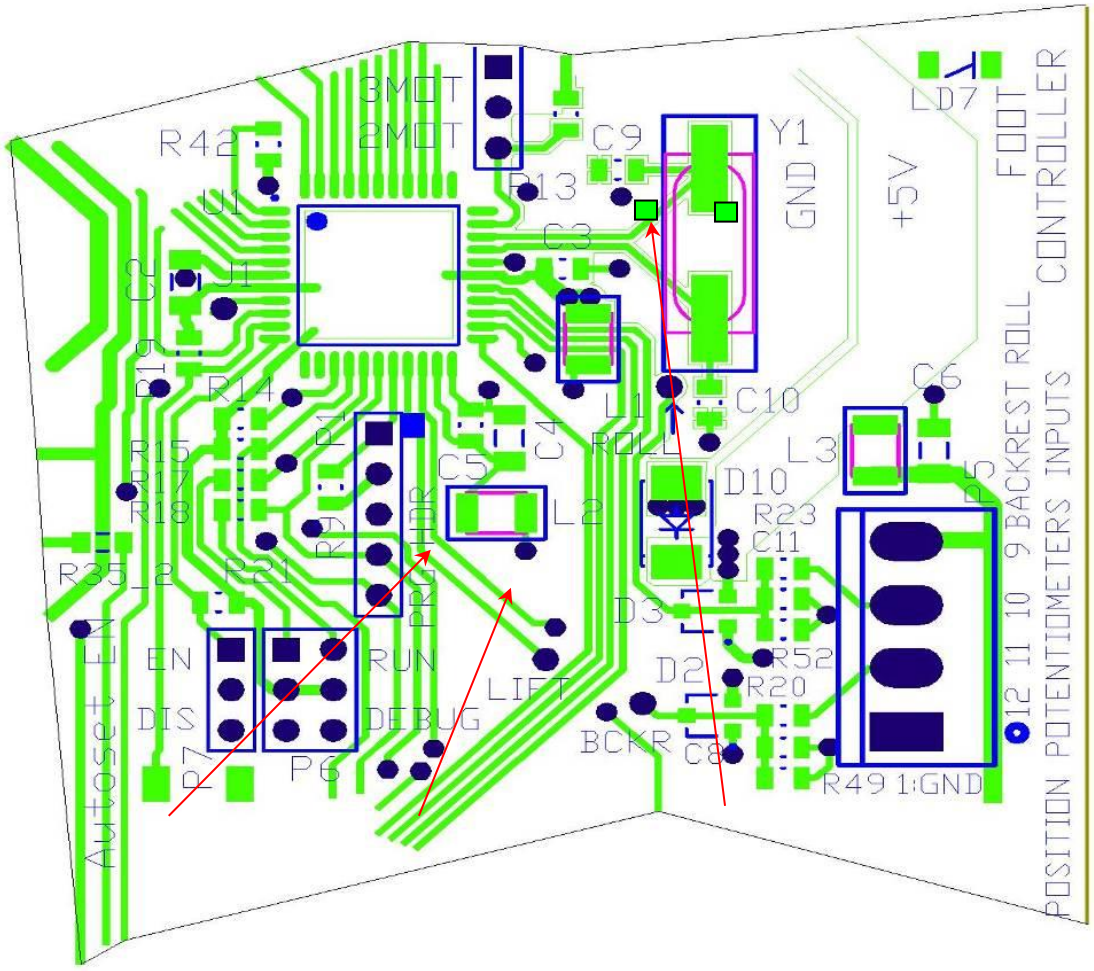
P2: move the potentiometer with the gear from the geared rack
Rotate the potentiometer into the middle of the path of resistance. Repeatedly press and hold the corresponding button for the path of travel until the given limit switch is reached. Ignore any error messages (E3 or E4). Turn off power to the unit.
Replace the damaged potentiometer with a new part. Do not yet engage potentiometers P1 or P2 into the path of travel. Once power is turned back on, measure the voltage on the potentiometer's runner (white wire) to ground (green wire). Rotate the gear on P1, P2 to set the voltage on the potentiometer's runner to:
- for motor1 / pot1 (chair lift) U = 4.2 - 4.5 V
- for motor2 / pot2 (chair recline) U = 4.4 – 4.6 V

Then re-engage the adjusted potentiometers P1 and P2 and then check the voltage again on the runner to ensure it remains in the desired range.

Voltage on potentiometer P2 may be measured on the FSCH3M-HUB printed circuit board at measurement point U (P2)



or on the FSCH3M printed circuit board at measurement points LIFT, BCKR, and ROLL.

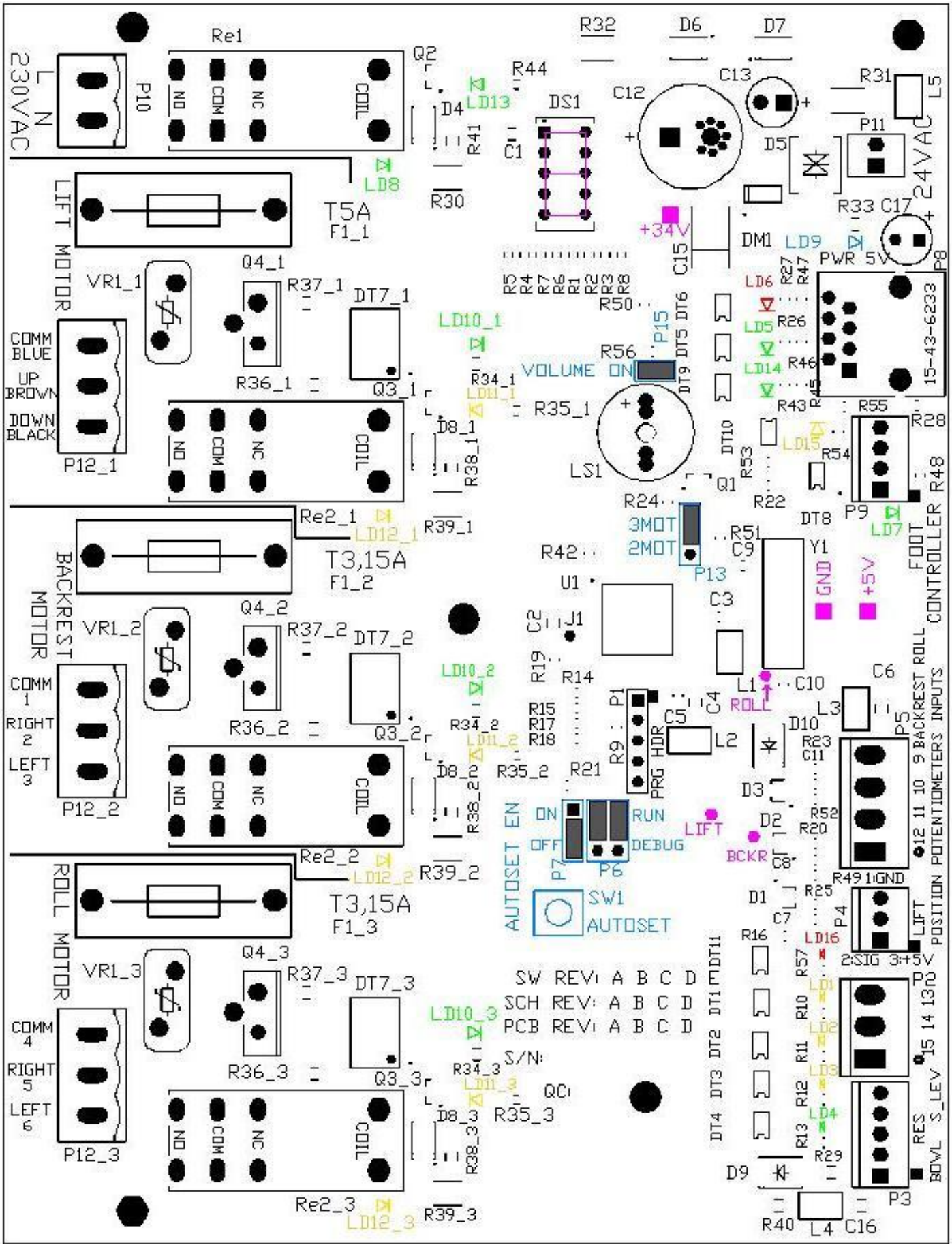


P1-LIFT P2 - BCKR GND

Then run AUTOSET after this adjustment is complete. If a “6” / E13 (pot1) or “7” / E14 (pot2) error occurs when the equipment is turned on or during operation, this means that the potentiometer is out of the defined tolerance (improperly adjusted, disconnected or short circuited) and the connections to the potentiometer (wiring) must be inspected along with the potentiometer itself and its adjustment.
The “6” / E13 error occurs if the voltage on the runner of potentiometer 1 is outside the range of **0.10 – 4.85 V**.
The “7” / E14 error occurs if the voltage on the runner of potentiometer 2 is outside the range of **0.10 – 4.85 V**.

Positions saved in memory may change when potentiometers are changed!

FSCH3M MOTOR CONTROL MODULE



BASIC JUMPER POSITIONS ON THE FSCH3M MODULE

P6 – changes the mode of processor operation to RUN/DEBUG**: set to RUN!**
P7 – autoset enable-ON/disable-OFF**: set to OFF**
P13 – selects the number of motors, 2MOT/3MOT**: set to 2MOT**
P15 – sets the volume on audible signals**: jumper ON = HIGH LEVEL, jumper OFF = LOW LEVEL**

MEASUREMENT POINTS ON THE FSCH3M MODULE

LIFT – control point for measuring voltage of potentiometer P1 of motor M1
BCKR– control point for measuring voltage of potentiometer P2 of motor M2
+5V – control point for measuring the +5 V voltage level
+34V – control point for measuring the +34 V voltage level
GND – grounding point

LED INDICATORS ON THE FSCH3M MODULE

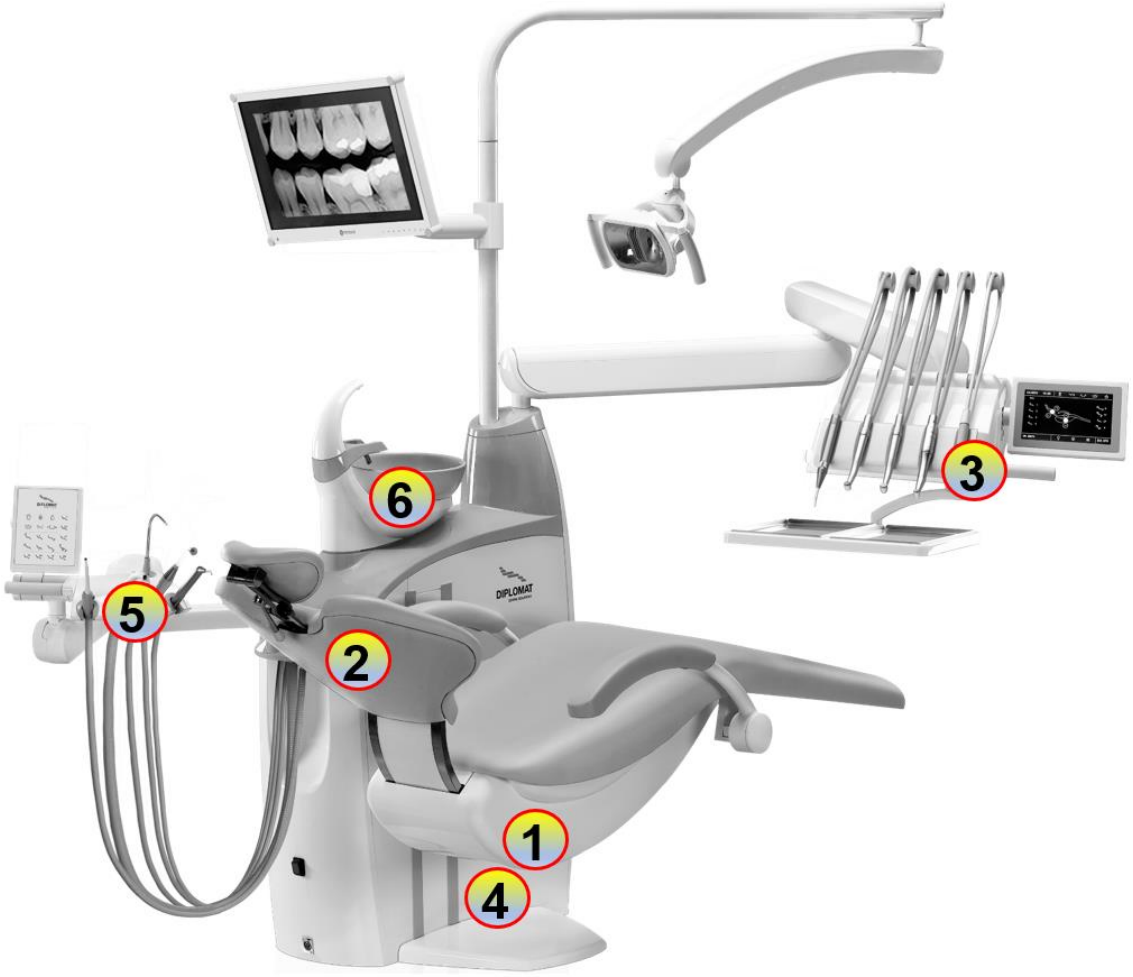
LD1 - signal from the safety switch on the lower SEAT cover
LD2 - signal from the safety switch on the backrest
LD3 - spare
LD4 - indicates the spittoon basin in the idle position
LD16 - indicates the safety switch is blocking the chair when the basin is extended
LD5 - PWM signal from FSEBXENOS1
LD6 - indicates chair movement is blocked
LD7 - PWM signal from the foot controller connected to connector P9
LD14 - indicates that data to the FSCH3M is received from the FSEBXENOS1
LD15 - indicates data is transmitted from the FSCH3M to the FSEBXENOS1
LD8 - indicates power is connected to the motor
LD13 - indicates power is connected to the motor
LD10_1- indicates motor M1 is activated
LD10_2- indicates motor M2 is activated
LD10_3- spare
LD11_1- indicates the direction of travel of motor M1 / chair moving up
LD12_1- indicates the direction of travel of motor M1 / chair moving up
LD11_2- indicates the direction of travel of motor M2 / backrest moving backward
LD12_2- indicates the direction of travel of motor M2 / backrest moving backward
LD11_3- spare
LD12_3- spare



Always complete an AUTOSET and reset the chair positions in memory after replacing a module

R7 - Safety elements

Dental unit is equipped with safety switches. These are activated in case of collision to prevent crushing and damage. Chair movement is blocked as long as any of the safety switches is active or any instrument from dentist's panel is running.



List of safety elements:

	Unit's Element	Triggering action	Action needed
1	Chair	Safety switch for the lift motor of the chair is activated in case of collision with an object while the chair is moving down. Chair movement is stopped immediately and automatic contra-movement is produced to release trapped object. At the same time an audible signal sounds to notify user of the error.	Remove the blocking object
2	Backrest	Safety switch for the backrest motor of the chair is activated in case of collision with an object while the backrest is moving back (towards lying position). Chair movement is stopped immediately and automatic contra-movement is produced to release trapped object. At the same time an audible signal sounds to notify user of the error.	Remove the blocking object
3	Start of instrument	The movement of the chair will stop if the instrument is started through the foot controller	Release the lever/pedal of foot controller
4	Engine thermal sensor	The movement of the chair will stop if the thermal sensor of the engine overheating is switched on	Wait until the engine has cooled
5	Assistant's element	Safety switch in the assistant's element is activated in case of collision of the assistant's element with the backrest. Chair movement is stopped immediately.	Slide the assistant's arm out of the backrest track, and the backrest will be able to move again
6	Bowl	When the bowl is ejected from its basic position and the chair moves in the upper half of its path, the chair stops.	Slide the bowl into its basic position and the chair will be able to move in the full range of its path

T - Check of settings and functions

Turn on the main switch - "**I**" position, indicator on the main switch is activated.

Check the following:

- water and air lines for any leaks
- connected instruments for leaks and that they are secured in their holders
- foot controller
- lighting
- control panel keypad buttons
- instrument parameter settings (see the manufacturer's instructions)
- operation of all instruments on the control panel
- operation of all instruments on the spittoon block
- spittoon block keypad buttons
- filling water into the cup, water temperature (water heater)
- movement of the articulated table arm and articulated light arm, or **LCD** monitor arm and tray table
- proper operation of the **LCD** monitor or intra oral camera

If you have purchased a **DIPLOMAT** series chair, please follow the technical documentation delivered with the chair.

Warning

Arms and the assistant's table must be below the backrest and above the armrest on the chair when raising the backrest on the dental chair.

Except for the small and large aspirators, Syringes (on the assistant's table) and Syringes (on the control panel), only one instrument may be used as one time!
Failure to comply is indicated on the display as follows: **Attention! Two instruments removed.**

SPITTOON BLOCK

Distilled water container

The container is located in the spittoon block and accessible after opening the spittoon block door. Distilled water from the container is used to cool instruments (turbine, micro motor and plaque removal instrument) and is routed to the Syringes at the control panel and the assistant's table.

Adding distilled water:

- open the door on the spittoon block
- turn the switch to select the water source to the "0" position
- remove the container from inside the spittoon block
- unscrew the container
- add distilled water to the container
- screw the container back on to ensure compressed air does not leak during use
- place the container back inside the spittoon block
- turn the switch to select the water source to the position for distilled water from the container
- check to ensure no air is leaked from the container
- close the door on the spittoon block

Warning

Distilled water must be added in such a way that prevents foreign objects from contaminating and degrading the water quality and its composition. Only use distilled water approved for medical purposes with maximum conductivity of 2000 µS/cm.
Do not use demineralised water intended for technical applications!
The manufacturer recommends replacing the distilled water container once a year.

Central water manifold

If water from a central manifold is used for cooling purposes, this water must be treated so that total mineral content is equivalent to that of distilled water. An upstream 5 µm filter must be installed.
No distilled water needs to be added to the container if the water from the central manifold is used to cool the instruments.



FACTORY SETTINGS (standard dental unit)

Parameter	Dental unit element	Medium	Required values
Static pressure	Dental engine	air water	0.4 MPa + 0.02 0.25 MPa + 0.02
	Spittoon block - Cooling container	air	0.25 MPa + 0.02
Airflow through hose (without instrument)	T1 T2	air	min. 50 l/min.
Rotor cooling airflow (hose, without instrument)	M1 M2	air	min. 11 l/min.
Cooling airflow (without instrument)	T1, T2 M1, M2	air	min. 5 l/min
Cooling water flow (hose, without instrument)	T1, T2 M1, M2 USS	water	min. 50 l/min
Media flow at Syringe	S1 S2	water air water air	min. 50 ml/min. min. 5 l/min min. 50 ml/min. min. 5 l/min
Water temperature	Cup filler	water	35°C ± 5°C
Suction	Suction hose -small -large Saliva ejector Small aspirator - Venturi Large aspirator - Venturi	air water air air	min. 80 l/min. min. 200 l/min. min. 0.5 l/min. 70 - 110 l/min. 70 - 110 l/min.
Luminosity	SIRIUS		luminosity range: 8,000- 20,000 lx
	XENOS		luminosity range: 8,000- 26,000 lx
Voltage	Neovo DR 17/22″ monitor DIPLOMAT camera		24 VDC±0.2 V 5 VDC (USB)

Manufacturer	Instrument	Type/Model	Parameter	Required value
DENSIM	T	Monaco LUX, Monaco S LUX, Montreal LUX, Montreal S LUX, Vienna	Dynamic pressure between hose and instrument (working pressure)	2.5 bar
	M	DX, DX BLUE	Micro motor cooling airflow (internal cooling)	8 l/÷10 l/min.

Manufacturer	Instrument	Type/Model	Parameter	Required value
BIEN AIR	T	Bora L	Dynamic pressure between hose and instrument (working pressure)	2.7 bar
	T	Black Pearl Eco		2.5 bar
	M	MC 2 40 IR	Micro motor cooling airflow (internal cooling)	8 l/÷10 l/min.
	M	Isolite 300 E Intramatic Lux		8 l/÷10 l/min.
	M	MC 3 IR E Intramatic		8 l/min.*
	M	MC 3 LK E		8 l/min.*

Legend:
T- turbine, M - micro motor, S – Syringe, USS - ultrasonic plaque removal instrument
* Multi-use hoses to MC3 with a Black Pearl Eco turbine are set to 2.5 bar (also applies to micro motors).
*Midwest hoses regardless of instrument are also set to 2.5 bar.

U - Maintenance and repair instructions

Maintenance

Instrument and tip maintenance should be performed according to the manufacturer's instructions.

Spittoon blocks with a central manifold connection require the upstream filter be inspected along with the functionality of any hard water treatment equipment (per the manufacturer's instructions).

Lubrication

Check or lubricate rotating components using the specified lubricant.

- articulated table and light arm stud
- tray table studs
- assistant's console arm stud
- foot controller lever stud

Follow the manufacturer's recommendations when lubricating instruments.

Inspections during the warranty period

The user must contact an authorised service technician to conduct periodic preventative inspections during the warranty period at regular **3-month intervals**.

Inspection is focused on:

- inspecting inlet filters (for the cleanliness of the media entering the system)
- inspection of the vacuum system
- inspection of the drain waste hose
- check the nuts joint clearance of the backrest (joint with the segment). Tighten if necessary.
- providing additional information and practical advice with respect to the dental unit
- checked for the proper use and maintenance of the dental unit and its instruments (per the User manual)
- inspection and delivery of any media (inputs, adjusting pressures for turbines, etc.)

The manufacturer estimates the duration of a service check to be approx. from 1 up to 1,5 hours.
The authorised service technician must confirm the completion of such periodic inspections on the warranty sheet.

Post-warranty inspections and technical audits:

Periodic inspection of the product must be performed by an authorised service technician at **6-month intervals and focuses on:**

- an overall inspection of the dental unit and its functional components
- inspection and adjustment of working air and water pressures
- inspection of the inlet air filter in the dental engine
- inspection of electrical components and the electrical installation (for electrical safety)

Technical audit of electrical safety

Such technical audit is conducted under the regulations of the country in which the dental unit is installed.

V - Cleaning, Disinfection and Decontamination

1. Disinfection of instrument water cooling channels

We recommend using the Alpron or Sanosil S003 products or Dentosept P in 1% concentrations with distilled water. Pour the prepared solution into the distilled water container and use on a consistent basis. These products in a 1% concentration are completely inert with respect to patients. The cooling system is kept clean through regular use and there is no need to use other means of disinfection. Please contact your seller for ways to purchase and use these products.
If water from a central manifold is used to cool instruments, disinfection of the internal instrument cooling channels is performed as follows:

1. Fill the distilled water container with a 1% solution of Alpron, Sanosil S003 or Dentosept P and distilled water.
2. Turn the 3-way switch to the “DESTIL” position
3. Flush the water channels in any instrument for 30 seconds, and then flush other instruments that use cooling water for 10 seconds.
4. Turn the 3-way switch in the spittoon block to the "CENTRAL” position

The manufacturer recommends performing such disinfection at least once a day, and at the end of the workday is best.

2. Semi-automatic disinfection of instrument water cooling channels (optional)

HYGIENE CONTROLS FROM THE TOUCHSCREEN AT THE DENTIST’S TABLE
Press the HYGIENE button on the SETTINGS screen to enter into HYGIENE mode.

NASTAVENIA	
HYGIENA	ESC
UŽÍVATEĽ	
SERVIS / VÝROBA	
TEST	
USB	
INFO	

The hygiene screen then appears:

HYGIENA		
		ESC
10 sec	60 sec	+
10 sec		-
50 sec		

The only active button is:

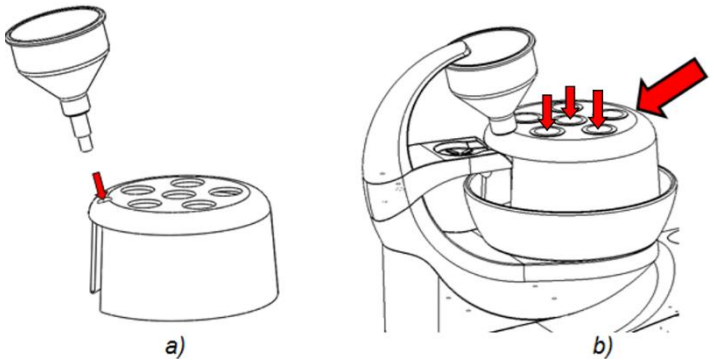
A message appears at the bottom of the screen once pressed:

PREPARE THE DISINFECTION CONTAINER

Once the container containing the disinfection solution is readied, confirm this action by pressing on button. A new message then appears:

INSERT THE HOSES INTO THE

Insert the funnel into the container (Fig. 1a).
Place the prepared container on the spittoon basin (Fig. 1b).
Select all the instruments to have their water cooling channels disinfected.
Remove the instruments from their hoses and place the hoses back into the slots in the container on the spittoon basin.





Warning

Filling must be performed manually given that Syringe controls used an autonomous valve. Place the tail-piece into the instrument holder, press and hold the left button until the disinfection solution begins to flow out of it. Leave the Syringe in the holder.

All hoses must be placed into the holder as the disinfection solution is fed into all hoses at once!

The instrument disinfection process may be cancelled up until this moment by pressing ESC.
The instrument cooling channel disinfection process begins by pressing START and disinfection solution is then fed into all instruments.

Once all hoses are placed into the holder, confirm this action by pressing START.

START

The process is indicated by the message:

FILLING 29

The time to the end of the filling process is displayed in seconds in the lower part of the button.
Once the instruments are filled with disinfection solution, the solution is allowed to work.
This status is indicated by the message:

WORKING		WORKING
	TERMINATE	
WORKING		WORKING

The process may be terminated at any time by pressing TERMINATE or turning the unit off. The operator is responsible for determining how long the solution should be allowed to work and should be at least 60 minutes, or better yet, overnight or over an entire weekend.

Pressing TERMINATE or turning the unit off while running will generate the following message:

PREPARE A CONTAINER WITH

Once the container containing water is readied, confirm this action by pressing on button. A new message then appears:

RINSE 01: 29

The time to the end of the rinse process is displayed in seconds in the lower part of the button.

Warning

Rinsing must be performed manually given that Syringe controls used an autonomous valve. Place it over the instrument holder, press and hold the left button until clean water begins to flow out of it (approximately 2 minutes).

A new message then appears once rinsing is complete:

END

Press the button to confirm the end of the instrument disinfection process and return the hoses to the dentist's table.

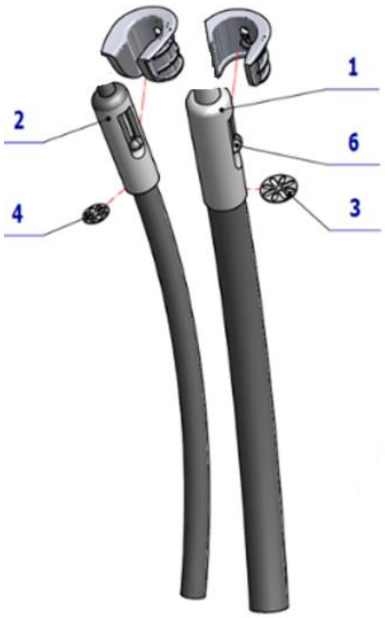
3. Cleaning and decontamination of the saliva ejector

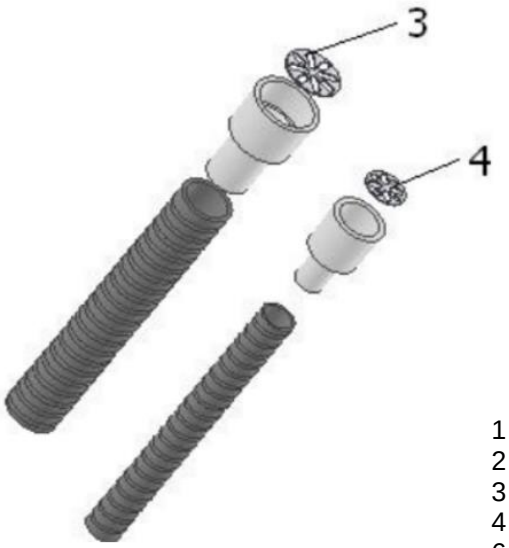
Cleaning of the saliva ejector should be made as follows - remove the saliva ejector itself (the tip), remove the saliva ejector handpiece, remove the sieve, clean it and re-assemble. It is recommended to clean the sieve at least once a day. Decontamination of the saliva ejector should be made at least once a day (e.g. after the completion of work) with SAVO Prim agent in 1% concentration in the volume of min. 1 dcl of diluted solution by sucking through the tip of the saliva ejector. After each use of the saliva ejector, clean the hose of the saliva ejector by rinsing it with clean water of ca 1 dcl after each patient.



4. Cleaning and decontamination of the big and small aspirator

Pull out the aspirator tips (pos. 1 and 2), remove filters (pos. 3 and 4) from the aspirator hoses, clean (rinse) the filters under running water and then return them back into the aspirator hoses, replace tips into the hoses.
Filters should be cleaned at least once a day.
When the small and big aspirator has been used, clean the hose thereof by rinsing it with approx. 1 dcl of clean water after each patient.

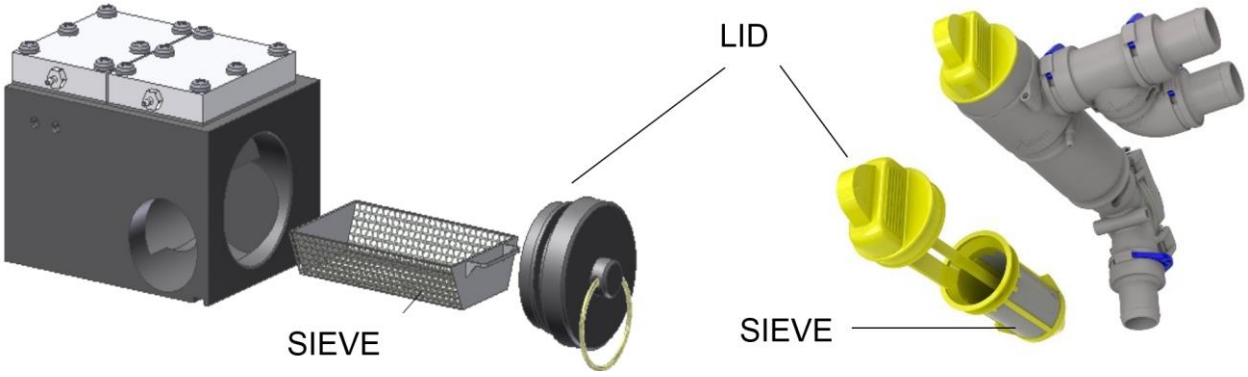




1 - big aspirator
2 - small aspirator
3 - filter, rough P 22
4 - filter, rough P 16
6 - regulating flap of suction

5. Cleaning of the sieve of the separation block

Pull the lid and the sieve of rough particles out of the separating block and then clean (rinse) them under running water and return back into the separation block. The cleaning should be done at least once a day.

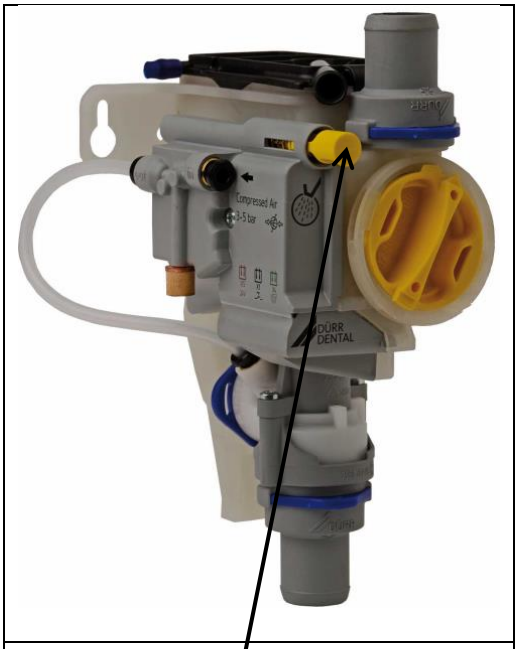


Double-memebrane separation block Separation block without memebrane

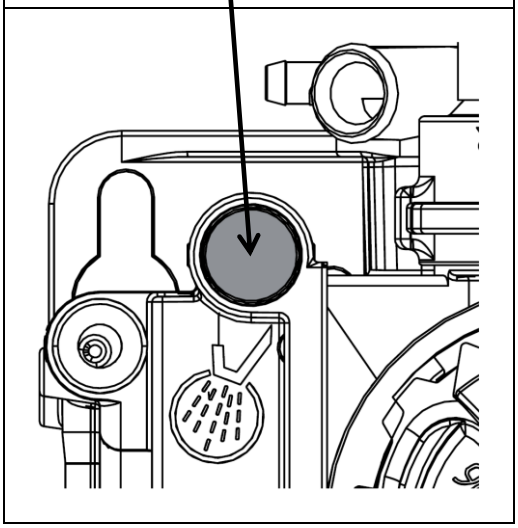
6. Cleaning and Disinfection of Dürr spittoon valve on wet suction system

(Optional)

If DIPLOMAT unit is equipped with Dürr spittoon valve, the following are required for disinfection/cleaning:
Material-compatible, non-foaming disinfection/cleaning agents that have been approved by Dürr Dental,
e.g. Orotol plus or Orotol Ultra.



Cleaning Button



The procedure

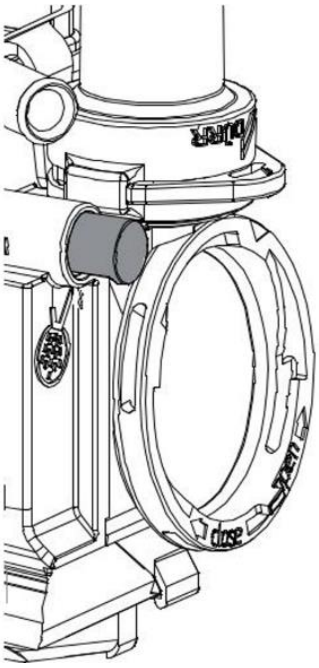
1. Switch on the rinsing for the spittoon.

2. Keep pressing the cleaning button on the yellow switch control panel, until rinsing of the spittoon is finished.

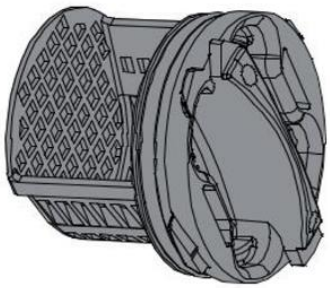
3. Pour disinfection solution into the spittoon and at the same time press the yellow cleaning button on the switch control panel, until the disinfection solution has been aspirated.

Monthly maintenance:

Press the cleaning button to empty the collection vessel.
Clean the yellow coarse filter or replace it if required.
The yellow coarse filter prevents larger dental particles from reaching the suction pipe.



coarse filter



	Device malfunctions or damage due to use of incorrect media. **Guarantee claims may become invalid as a result**
	• Do not use any foaming agents, e.g. household cleaning agents or instrument disinfection agents. • Do not use abrasive cleaners. • Do not use agents containing chlorine. • Do not use any solvents like acetone

7. Cleaning and decontamination of the spittoon block

Operating personnel must check the condition of the sieve of the catcher of rough particles and clean it, if needed. In the event that the dental unit is equipped with saliva ejector only, 1% solution of SAVO Prim agent (Czech Republic) is used for decontamination. Decontamination of the spittoon bowl should be made at least once a day (e.g. after the completion of work) with SAVO Prim agent in 1% concentration in the volume of at least 200ml of the solution by pouring it into the spittoon bowl.

In the event that the dental unit is equipped with an aspirator, the selection of suitable agent depends on the type of the separator that is built in the dental unit.

- If CATTANI separator is built in the unit, PULI - JET PLUS agent should be used.
- If METASYS MST 1 amalgam trap is built in the unit, GREEN & CLEAN M2 agent should be used.
- If DÜRR CAS 1 amalgam trap and DÜRR CS 1 separator is built in the unit, OROTOL PLUS agent should be used.

When CATTANI separator is used:

Instructions for use of disinfecting antifoam tablets CATTANI for dental aspirators

During the work with the aspirator, turbulent flow is created when blood, mucus and all types of sanitary substances create a great amount of foam that may cause frequent and abrupt undesired stopping of suction. Regular use of antifoam tablets significantly reduces the occurence of said stoppings.

Each tablet is packed in a protective film that is soluble in water and ensures safety keeping and handling, even though the product is not classified as dangerous. Do not remove the protective film, it will dissolve in water.

Sucking of a small amount of water through the tip of the big or small aspirator after the tablet has been placed inside the sieve of the separation block is sufficient to obtain immediate effective antifoaming effect.

If the tablets are to be placed in a small space, remove the protective film (use of gloves is recommended), and break the tablet in two parts by pressing alont the marked slot. For the sensors to work properly, clean them from film with soft emery paper. As the liquid passes, the tablet will dissolve slowly and release the disinfecting and antifoaming substances during the whole working day.

How to use the PULI – JET PLUS cleaning agent

The separator manufacturer recommends to disinfect the suction system every day after the completion of work and to perform at least one cleansing washing in the middle of the day. How to fill the doser: place the bottle in the vertical position, preferably on a flat surface. Unscrew the lid and fill the doser to the edge by squeezing the bottle gently at the points marked with two labels (take care not to overfill it).

Release the pressure: excessive amount of the liquid returns back to the bottle while the exact amount (10ml) of the concentrate remains in the doser. Concentrated PULI – JET PLUS agent after dilution to 0,8% cleans and disinfects; to 0,4% it is only sanitary cleaning agent. For cleaning and disinfection once a day after the completion of work, dilute two doses (20ml) of the doser in 2,5l of warm water (50°C) and suck it. For the very cleaning of the system once in the middle of each day, dilute one dose of the doser (10ml). Do not rinse, proteolytic and disinfecting effect of PULI – JET PLUS reveals with time.

When METASYS MST 1 amalgam trap is used:

How to use the GREEN & CLEAN M2 cleaning agent

By squeezing the dopser of the agent twice, inject 6 ml of GREEN & CLEAN M2 into the mixing vessel. Add water from the water main up to the mark. Stir the solution and gradually suck the solution by the small and big aspirator through the sucking openings in the vessel. After completion of the sucking, remove the mouthpiece from the vessel, lift it higher so that the liquid should flow from thehose to the collecting pipe and the trap. Pour the rest of the solution, which remains in the vessel, into the spittoon bowl and rinse away with a small amout of water.

The separator manufacturer recommends the GREEN & CLEAN M2 agent to be used **2x** during each working day.

When DÜRR CAS 1 amalgam trap and DÜRR CS1 separator are used:

How to use the Orotol Plus cleaning agent

Before each disinfection with Orotol Plus agent, suck 1l of clean cold water through each hose of the big and small aspirator (to do this, use the Oro Cup vessel). In disinfecting with the Orotol Plus agent, proceed as follows:

1. Unscrew the lid of the Oro Cup vessel
2. pour 2l of cold water (up to the line) into the Oro Cup
3. add the appropriate dose of the Orotol Plus disinfecting agent, i.e. two doses of the agent (one dose – up to the line of the lid of Orotol Plus corresponds to 20ml of the solution)
4. screw on the lid of Oro Cup
5. stir the disinfecting agent with water in Oro Cup thoroughly
6. take off the lid of the Oro Cup
7. place the Oro Cup vertically (position is illustratedon the Oro Cup). This position enables the Oro Cup to suck 1l of mixed solution by the hoses of the aspirators (0,5l by the hose of the big aspirator and 0,5l by the hose of the small aspirator).

8. fit the hoses of the aspirators to the handpieces of the Oro Cup, using the adapter
9. pour the remaining diluted solution (ca 1l) from the Oro Cup into the spittoon bowl and rinse away with a small amount of water
10. it is recommended to carry out the disinfection of the suction and waste system with the Orotol Plus agent at least once a day (preferably at the end of each working day)
11. at the beginning of the next working day, suck 1l of clean cold water through the hose of the big and small aspirator

8. Cleaning, disinfection and decontamination of other parts of the dental unit

- Clean the unit's external surfaces including the glass surface of the keyboard and the leatherette of the chair upholstery with a wet cloth
- Manufacturer recommends to use **Incidin™ Foam** - spray (HENKEL - ECOLAB)
- Cleaning should be carried out regularly or when the surface of the product has become contaminated with biological material incidentally.

⚠	• It is forbidden to clean the upholstered parts of the unit with agents that have detrimental effect upon the structure of the leatherette, such as acetone, trichloro, perchloro, alcohol, abrasive cleaning agents, polishing agents • Do not use phenol- and aldehyde-based cleaning agents to clean other parts of the unit; they can permanently damage the structure of varnish and plastic surfaces

Clean the following parts at least once a day (according to the version):

- sieve of the separation block located in the spittoon block
- sieve at the input to the amalgam trap
- sieve of the saliva ejector
- filter of the small and big aspirator
- sieve in the spittoon bowl



Instruments and handpieces
Cleaning, disinfection and sterilization of the instruments and their handpieces should be carried out according to the instructions of their manufacturer, furnished with the instrument.

ℹ	When cleaning the floor (PVC floor) with a cleaning agent, it is forbidden to place the foot controller on the wet floor

ℹ	The manufacturer shall not be taken responsible for damages arisen due to the use of other disinfecting and cleaning agents than those recommended.

W - Claims

The manufacturer, DIPLOMAT DENTAL s.r.o., shall resolve all claims involving its products as a part of the sales and technical services delivered by contracted organisations with whom it has entered into a contractual relationship for such activities based on a commercial cooperation agreement.
Within such agreement, it commits to its contractual partner to resolve all claims during the warranty period by replacing defective parts with known good parts for the purposes of the feedback necessary for the prompt deployment of measures to remedy deficiencies.
Replacement is conditional upon delivery of the defective parts to DIPLOMAT DENTAL, s.r.o. by the contractually-agreed deadline.
The manufacturer will not accept any part / product that has not been decontaminated or sterilised.

Please use the following form to file any claims and submit in the following forms:

- in writing to the address:
  DIPLOMAT DENTAL s.r.o.
  Vrbovská cesta 17,
  921 01 Piešťany,
  Slovak Republic
  or
- email at claim@diplomat-dental.com

Please also attach the following forms:

- a copy of the warranty sheet
- a copy of the handover and acceptance certificate
- the completed warranty form

These documents must contain:

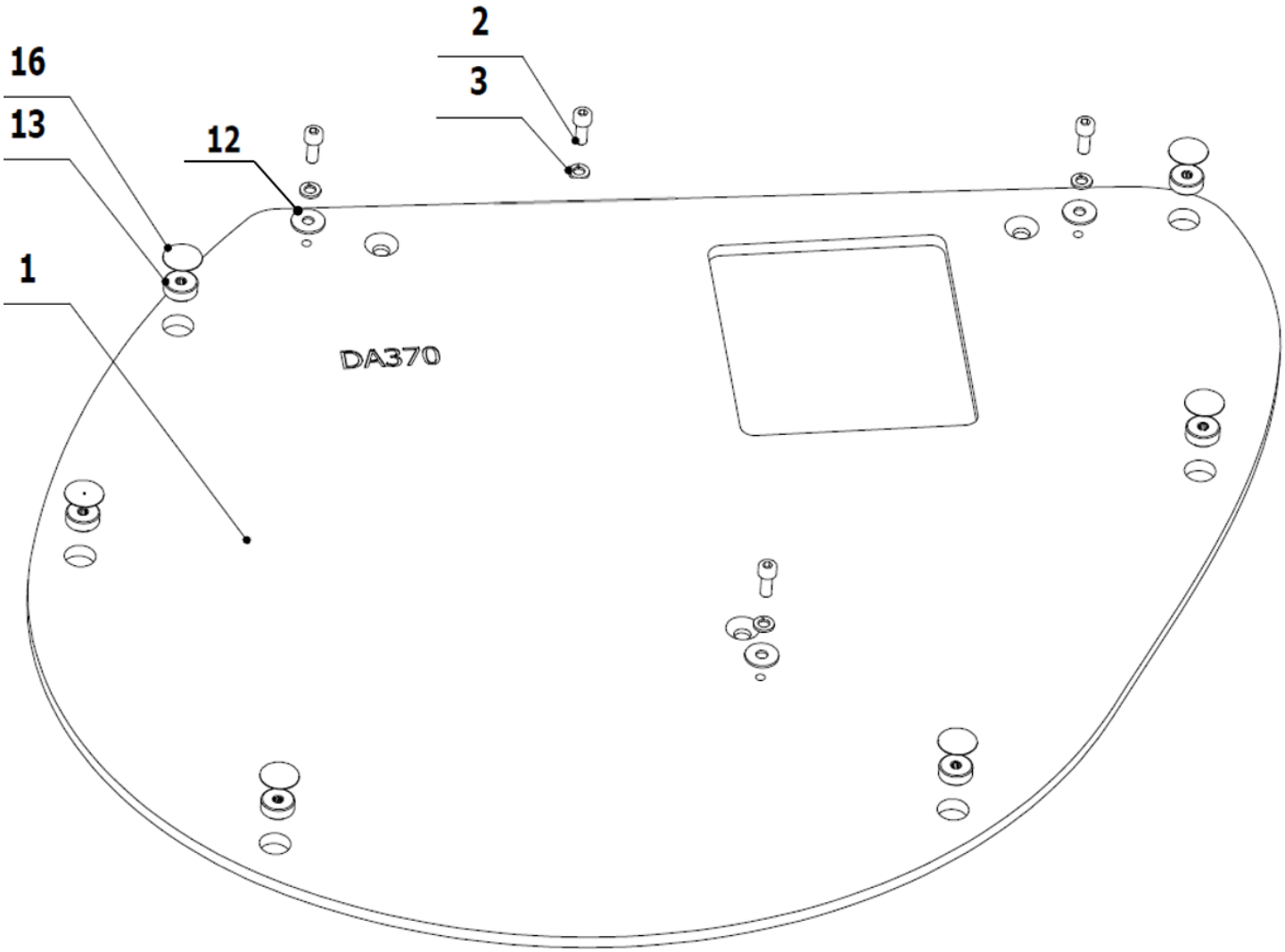
- the address of the customer or company filing the claim;
- the name, type and serial number of the product in the claim;
- the cause of the claim – a brief description of the malfunction;
- the part numbers of items involved in the claim;
- the date and place of installation of the product and identification of the party that installed the product.



The manufacturer, **DIPLOMAT DENTAL s.r.o.**, reserves the right to make changes within innovations of the product. We therefore recommend that service technicians follow the updated schematics attached directly to the product when conducting electrical repairs.

X - INSTALLATION PLATE

►INSTALLATION PLATE FOR DA270, DA280, DA370, DA380 UNITS - V624.58-00-00.T



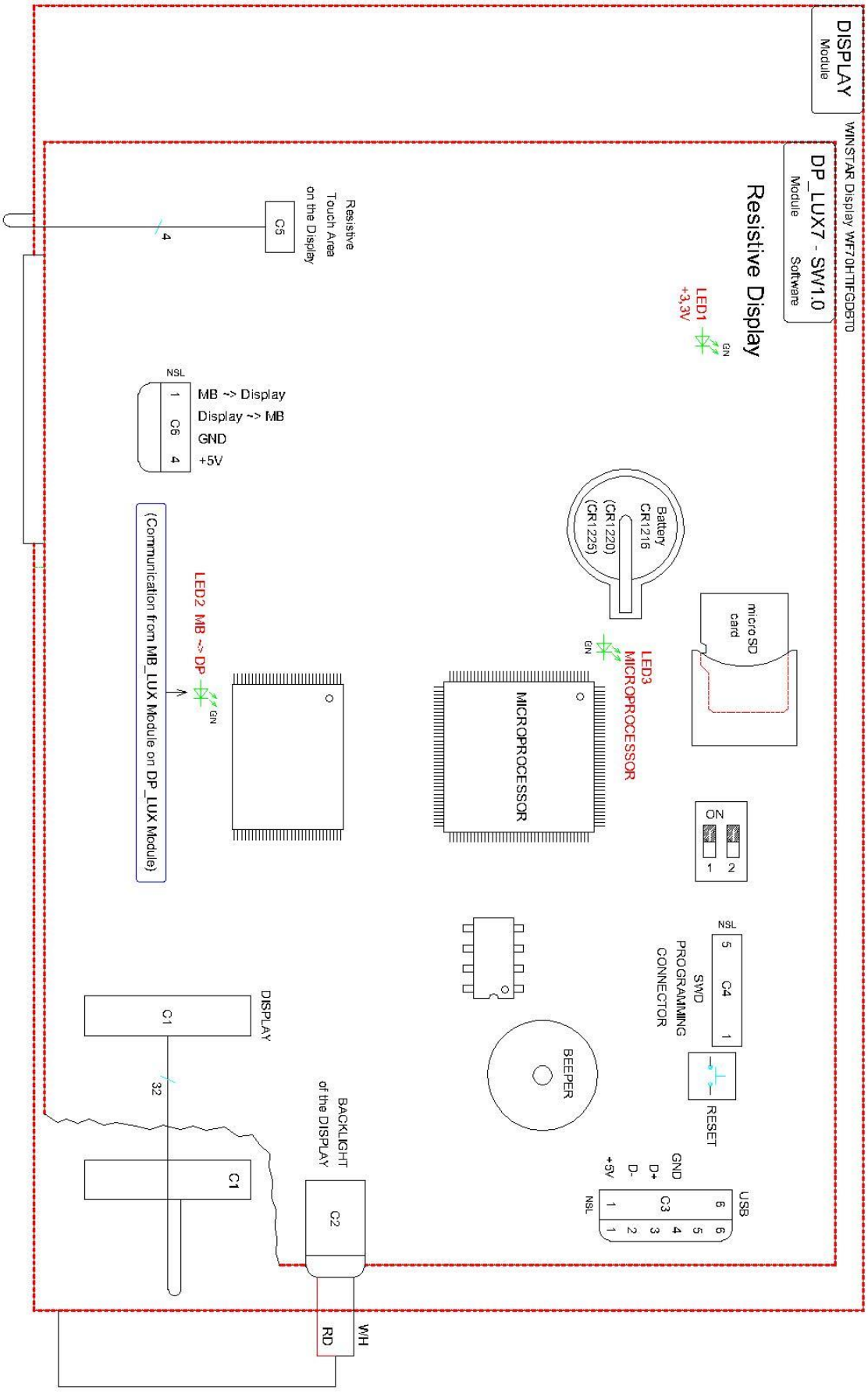
Pos.	Item no.	Product name	Unit	Quantity
001	V624.58-00-01.T	ADJUSTABLE INSTALLATION PLATE	PC	1.00
002	ME309543.012	THREADED FASTENER, M 8X20	PC	4.00
003	ME311214.013	WASHER, P 8.2	PC	4.00
012	ME311212.009	WASHER, P 8.4, BENEATH RIVET	PC	3.00
013	V511.01-13-00	ADJUSTMENT SCREW	PC	6.00
016	V618.96-06-00	ADJUSTMENT SCREW COVER	PC	6.00

Annex 1 – Certificates used in support of claims

1. Module: DP_LUX7 – SW1.0

If the module is physically damaged, indicate where on the provided pictogram.

M



Then provide the following details:

The serial number of the board:	Board SW version / SW version in the unit:

Only enter LED values for LEDs related to a fault of the unit

	Controlled parameters		Evaluation	
	Parameter	**Function**	**required**	**evaluated**
1	Voltage C6: 3/4	Voltage	5 VDC	
2	LED 1	+3.3 V	On	
3	LED 2	MB_LUX - DP_LUX communication	On / flashing rapidly	
4	LED 3	Microprocessor function	Flashing	

Fault description

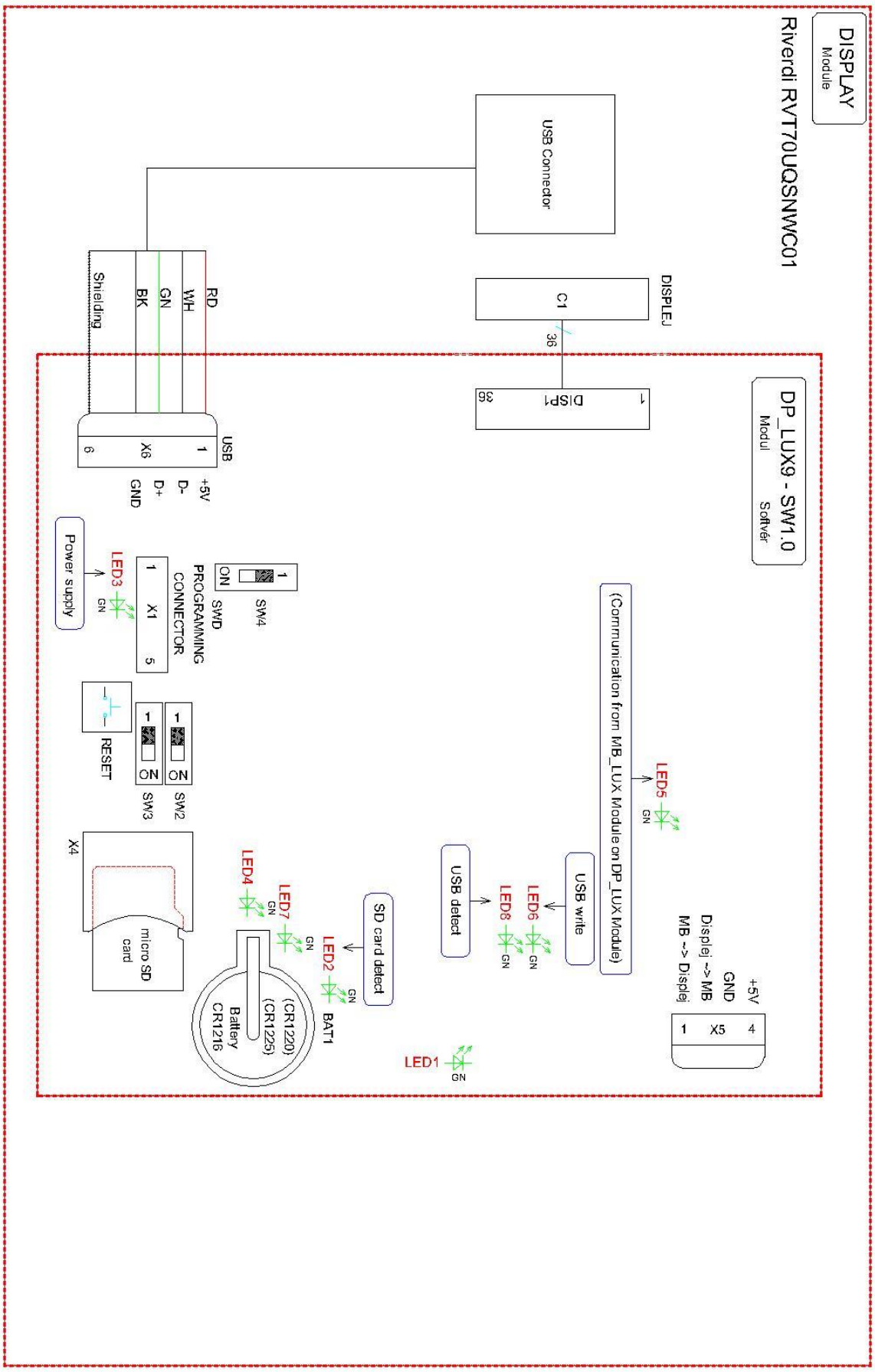
Enter the required values per the configuration of the dental unit:

Type of unit:	Unit serial number:
Note:	
Date:	**Signature:**

2. Module: DP_LUX9 - SW1.0

If the module is physically damaged, indicate where on the provided pictogram.

M



Then provide the following details:

The serial number of the board:	Board SW version / SW version in the unit:

Only enter LED values for LEDs related to a fault of the unit

	Controlled parameters		Evaluation	
	Parameter	**Function**	**required**	**evaluated**
1	Voltage X3: 3/4	Voltage	5 VDC	
2	LED 3	Voltage	On	
3	LED 4	Processor function	Flashing	
4	LED 5	MB_LUX - DP_LUX communication	Flashing	
5	LED 6	USB read	Flashing	
6	LED 8	USB connection	Flashing	

Fault description

Enter the required values per the configuration of the dental unit:

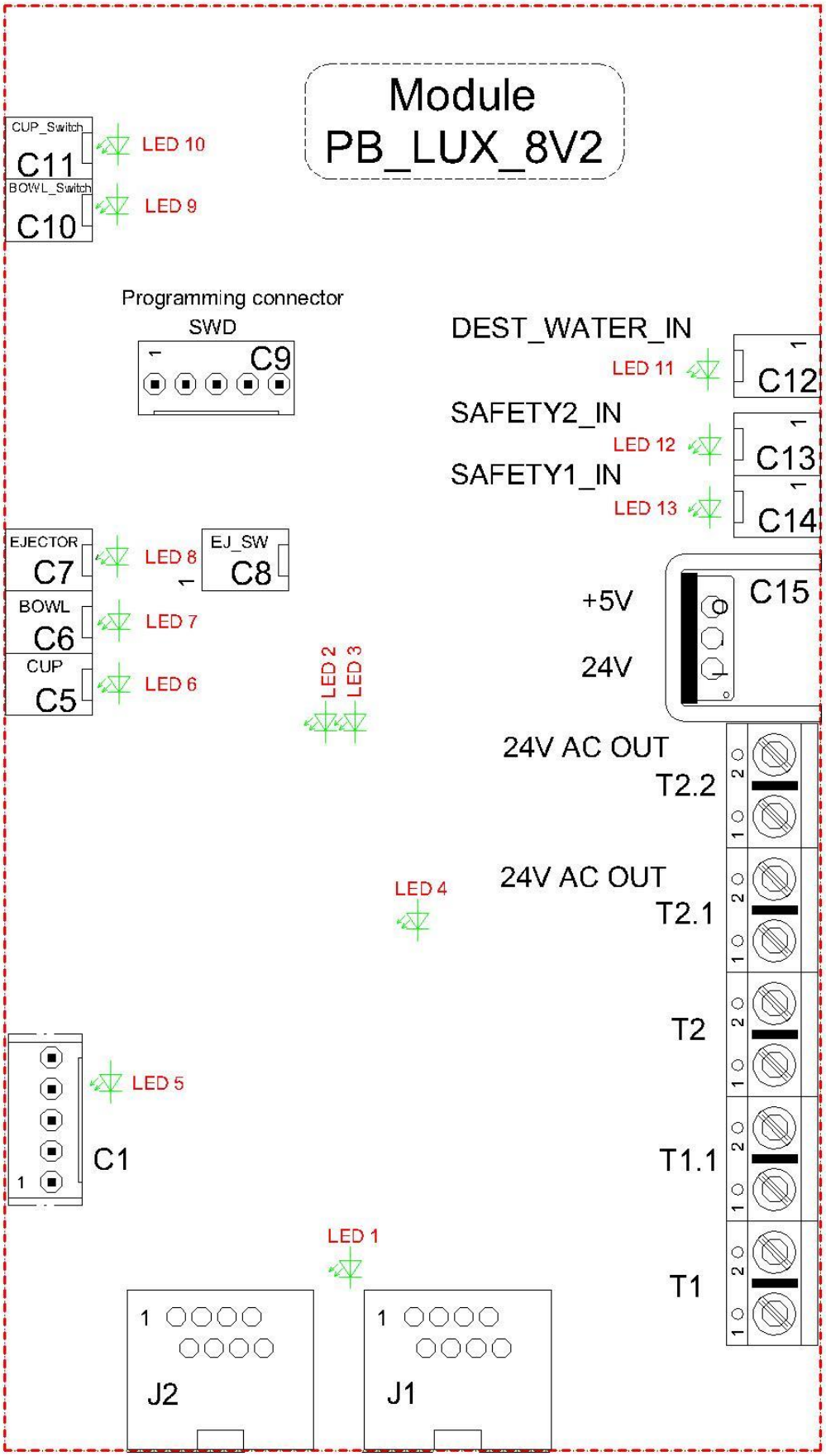
Type of unit:	Unit serial number:
Note:	

Date:	Signature:

3. Module: PB_LUX_8v2

If the module is physically damaged, indicate where on the provided pictogram.

M



Then provide the following details:

The serial number of the board:	Board SW version / SW version in the unit:

Only enter LED values for LEDs related to a fault of the unit

	Controlled parameters		Evaluation	
	Parameter	**Function**	**required**	**evaluated**
1	Voltage T2: 1/2	Voltage	24 VAC	
2	Voltage T2.1: 1/2	Voltage	24 VAC	
3	Voltage X2.2: 1/2	Voltage	24 VAC	
4	LED 1	MB_LUX - Spittoon communication	Flashing	
5	LED 2	Xenos on	On when activated	
6	LED 3	Xenos brightness indicator	Changes lamp brightness	
7	LED 4	Spittoon – MB_LUX communication	Flashing	
8	LED 5	Xenos sensor indicator	Covered sensor – on	
9	LED 6	Cup fill valve	On when activated	
10	LED 7	Basin rinse valve	On when activated	
11	LED 8	Saliva ejector valve	On when activated	
12	LED 9	Basin rinse button	On when activated	
13	LED 10	Cup fill button	On when activated	
14	LED 11	Distilled water container sensor	On when activated	
15	LED 12	Safety switch 2	On when activated	
16	LED 13	Safety sensor 1	On when activated	
17	LED +5 V	Indicator	On	
18	LED 24 V	Indicator	On	

Fault description

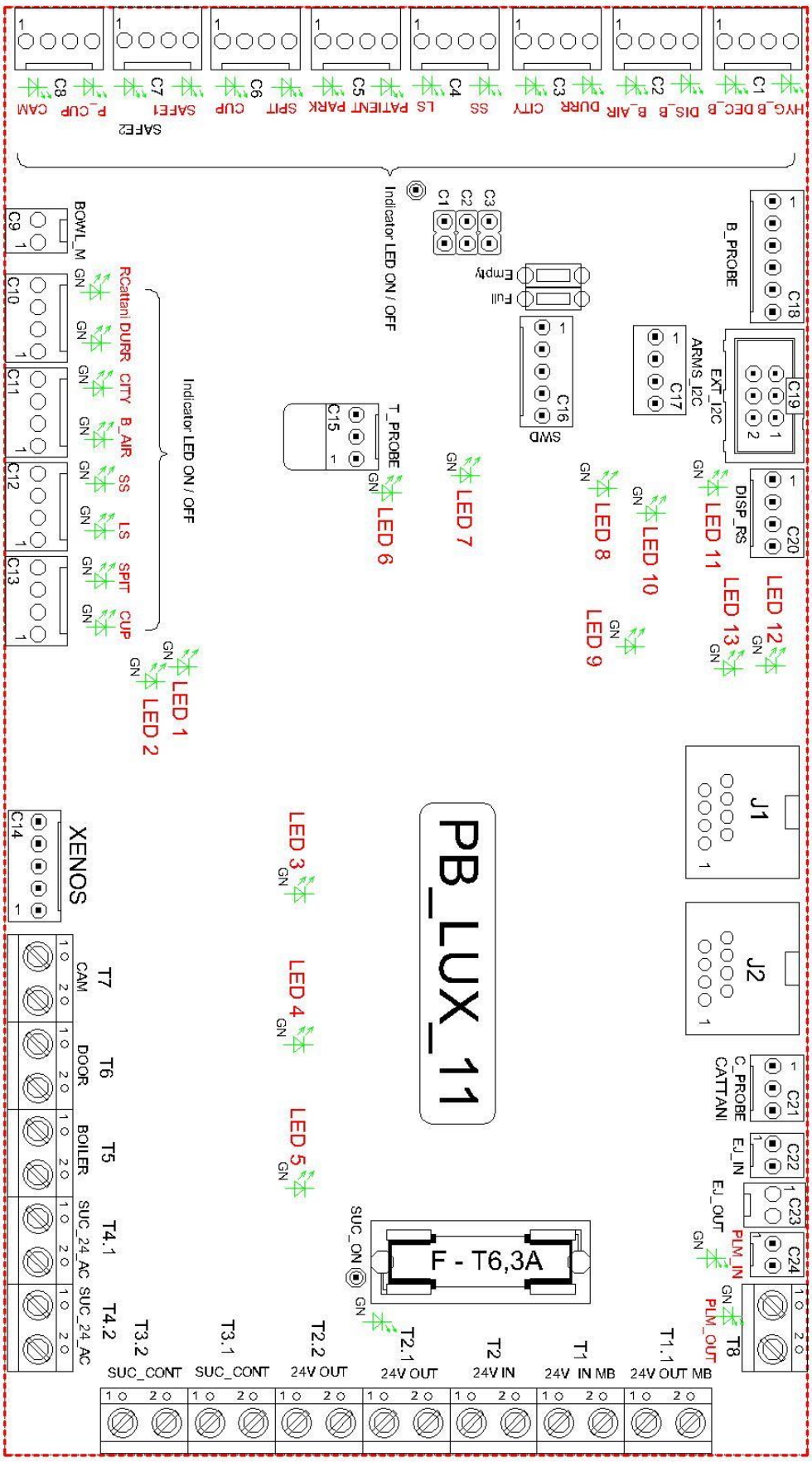
Enter the required values per the configuration of the dental unit:

Type of unit:	Unit serial number:
Note:	
Date:	**Signature:**

4. Module: PB_LUX_11

If the module is physically damaged, indicate where on the provided pictogram.

M



Then provide the following details:

The serial number of the board:	Board SW version / SW version in the unit:

	Controlled parameters		Evaluation	
	Parameter	**Function**	**required**	**evaluated**
1	Voltage T2	Voltage	24 VAC	
2	Voltage T2.1	Voltage	24 VDC	
3	Voltage T2.2	Voltage	24 VAC	
4	Voltage T4.1	Voltage	24 VAC	
5	Voltage T4.2	Voltage	24 VAC	
6	LED 1	24 VAC	On	
7	LED 2	Xenos on (sensor)	On when activated	
8	LED 3	Camera on	On when activated	
9	LED 4	Door open	On when activated	
10	LED 5	Heater on	On when activated	
11	LED 6	24 V for valves	On	
12	LED 7	Xenos on (light)	On when activated	
13	LED 8	Xenos PWM *	On depending on brightness	
14	LED 9	+5 V for processor	On	
15	LED 10	Spittoon – MB_LUX communication	Flashing	
16	LED 11	DP_LUX – MB_LUX communication	Flashing	
17	LED 12	+12 V	On	
18	LED 13	MB_LUX - Spittoon communication	Flashing	
19	LED C1 – HYG_B	Decontamination container sensor	On when activated	
20	LED C1 – DEC_B	Hygiene container sensor	On when activated	
21	LED C2 – DIS_B	Distilled water container sensor	On when activated	
22	LED C2 – B_AIR	Manifold/distilled water sensor	On when activated	
23	LED C3 – DURR	DURR aspirator sensor	On when activated	
24	LED C3 – CITY	Manifold/distilled water sensor	On when activated	
25	LED C4 – SS	Small aspirator sensor	On when activated	
26	LED C4 – LS	Large aspirator sensor	On when activated	
27	LED C5 – PATIENT	Basin extended sensor	On when activated	
28	LED C5 – PARK	Basin retracted sensor	On when activated	
29	LED C6 – SPIT	Basin rinse button	On when activated	
30	LED C6 – CUP	Cup fill button	On when activated	
31	LED C7 – SAFE1	Safety sensor	On when activated	
32	LED C10 – DURR	DURR valve	On when activated	
33	LED C11 – CITY	Water manifold valve	On when activated	
34	LED C11 – B_AIR	Valve to pressurise the distilled water container	On when activated	
35	LED C12 – SS	Small aspirator valve	On when activated	
36	LED C12 – LS	Large aspirator valve	On when activated	
37	LED C13 – SPIT	Basin rinse valve	On when activated	
38	LED C13 – CUP	Cup fill valve	On when activated	
39	LED PLM_IN	PLM lamp sensor	On when activated	

40	LED PLM_OUT	PLM lamp power	On when activated	

Only enter LED values for LEDs related to a fault of the unit

Fault description

- These LEDs measure intensity indirectly based on the output of the instrument / unit to which they are assigned

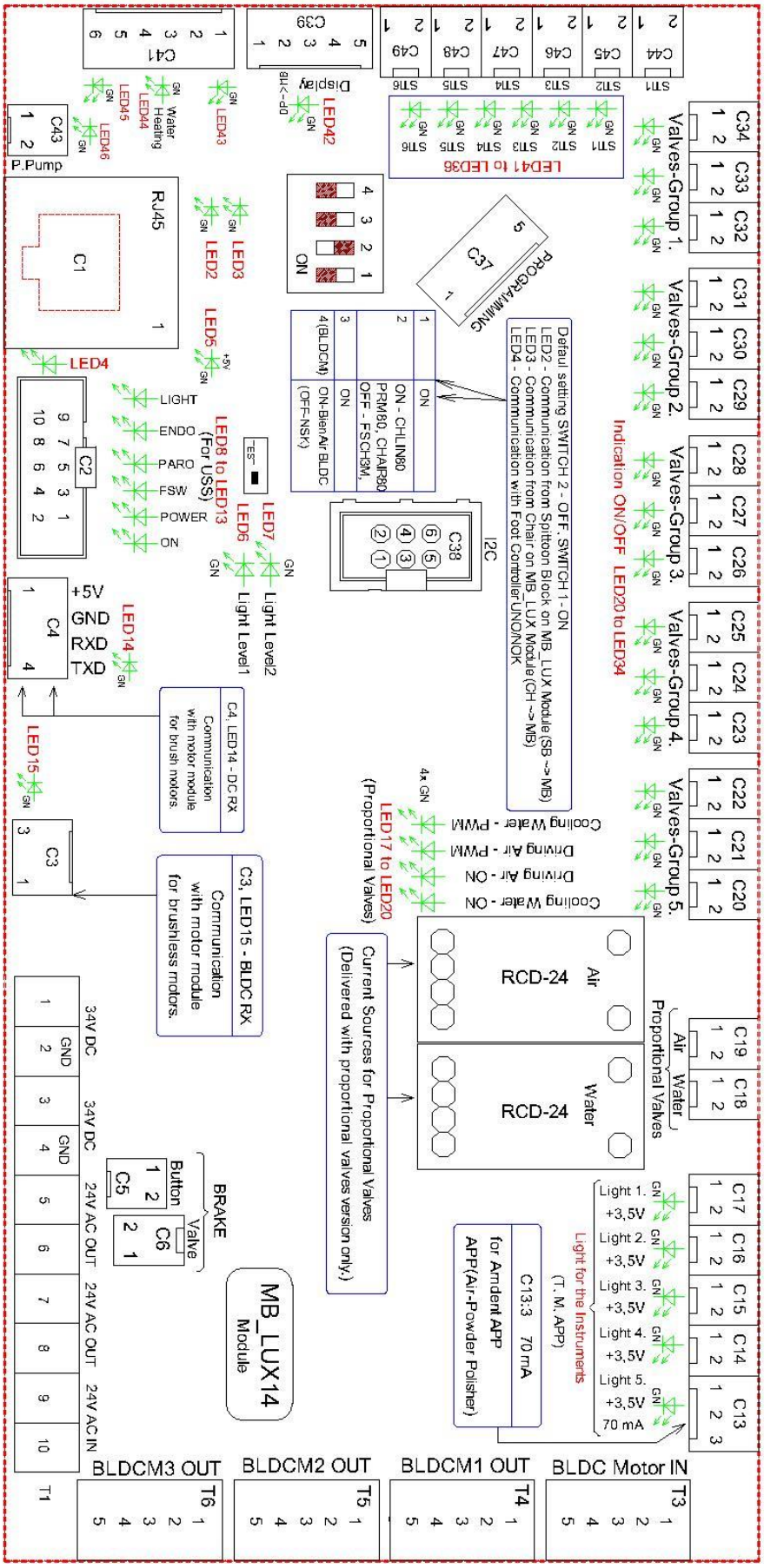
Enter the required values per the configuration of the dental unit:

Type of unit:	**Unit serial number:**
Note:	
Date:	**Signature:**

5. Module: MB_LUX14

If the module is physically damaged, indicate where on the provided pictogram.

M



Then provide the following details:

The serial number of the board:	Board SW version / SW version in the unit:

Only enter LED values for LEDs related to a fault of the unit

	Controlled parameters		Evaluation	
	Parameter	**Function**	**required**	**evaluated**
1	Voltage T1: 9/10	Voltage	24 VAC	
2	Voltage T1: 7/8	Provided	24 VAC	
3	Voltage T1: 5/6	Provided	24 VAC	
4	Voltage T1: 3/4	Provided	34 VDC	
5	Voltage T1: 1/2	Provided	34 VDC	
6	LED 2	Spittoon – MB_LUX communication	Flashing	
7	LED 3	Chair – MB_LUX communication	Flashing	
8	LED 4	Communication with the foot controller	Flashing	
9	LED 5	+5 V	On	
10	LED 6	Turbine / DC micro motor light level	On depending on status	
11	LED 7	Turbine / DC micro motor light level	On depending on status	
12	LED 8	USS light	On	
13	LED 9	USS ENDO	On	
14	LED 10	USS PARO	On	
15	LED 11	USS FSW	On	
16	LED 12	USS POWER *	On	
17	LED 13	USS ON	On	
18	LED 14	Communication - DC motors (module - main board)	Flashing	
19	LED 15	Communication - brushless motors (module - main board)	Flashing	
20	LED 17 – 20	Proportional valves*	On	
21	LED 20 – 34	Valve groups	On when activated	
22	LED 36 – 41	Removal sensors	On when activated	
23	LED 42	DP_LUX – MB_LUX communication	Flashing	
24	LED 44	Water heating	On when activated	
25	LED 45	Cauter (PWM)*	On when activated	
26	LED 46	Peristaltic pump (PWM)*	On when activated	

- These LEDs measure intensity indirectly based on the output of the instrument / unit to which they are assigned

Fault description

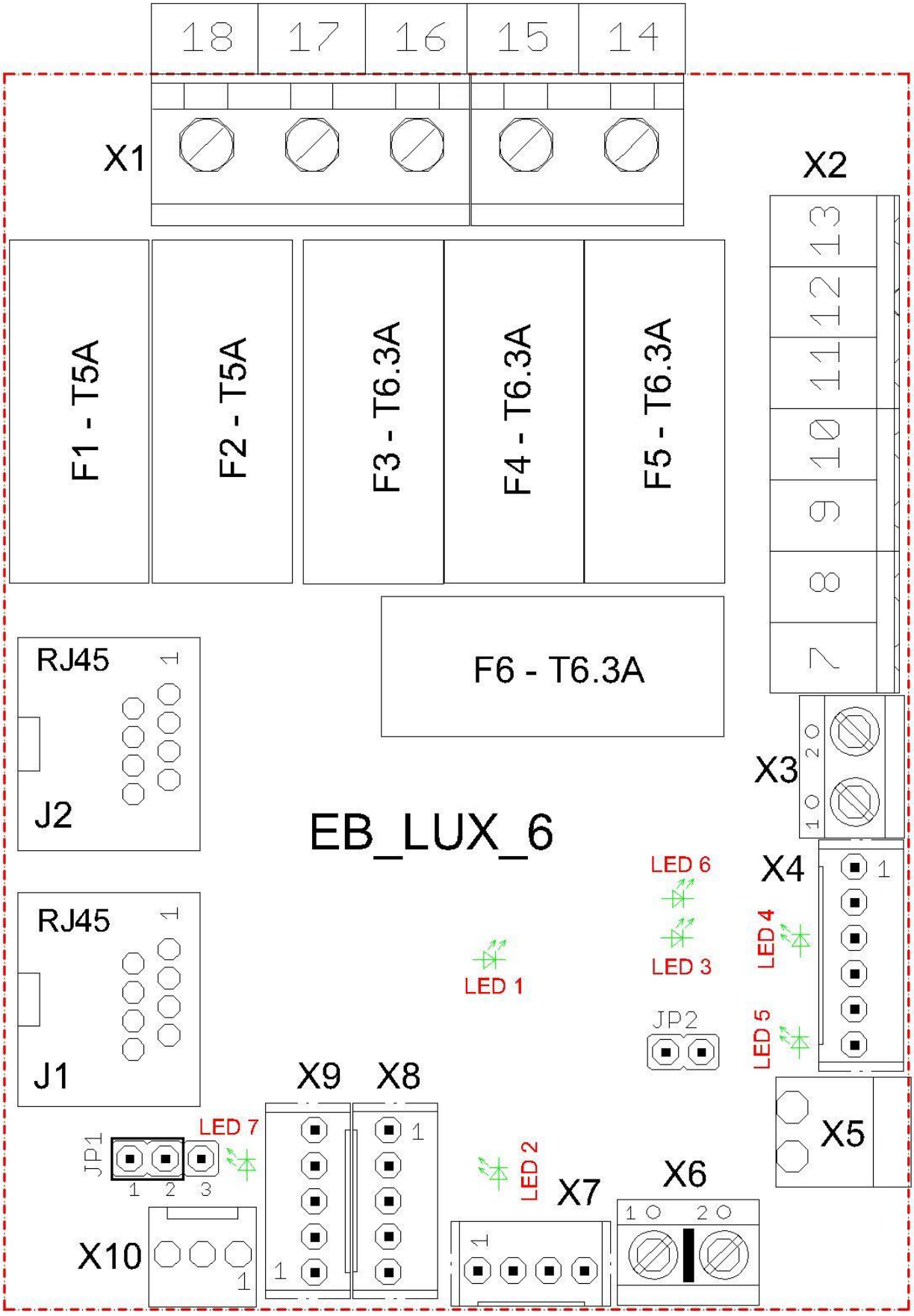
Enter the required values per the configuration of the dental unit:

Type of unit:	Unit serial number:
Note:	

Date:	Signature:

6. Module: EB_LUX_6

If the module is physically damaged, indicate where on the provided pictogram.



Then provide the following details:

The serial number of the board:	Board SW version / SW version in the unit:

Only enter LED values for LEDs related to a fault of the unit

	Controlled parameters		Evaluation	
	Parameter	**Function**	**required**	**evaluated**
1	Voltage X1: 14/15	Voltage	24V AC	
2	Voltage X2: 7/8	Voltage	24V AC	
3	Voltage X2: 9/10	Voltage	24V AC	
4	Voltage X1: 16/17	Voltage	10,5V AC	
5	Voltage X1: 16/18	Voltage	12V AC	
6	LED 1	24 V	On	
7	LED 2	DE20 / DM20 – Main Board communication	Flashing	
8	LED 3	12 V	On	
9	LED 4	Main Board - FSCH3M communication	Flashing	
10	LED 5	FSCH3M – Main Board communication	Flashing	
11	LED 6	Main Board – Chair DE20/DM20 communication	Flashing	
12	LED 7	UNO / NOK	Flashing	

- These LEDs measure intensity indirectly based on the output of the instrument / unit to which they are assigned

Fault description

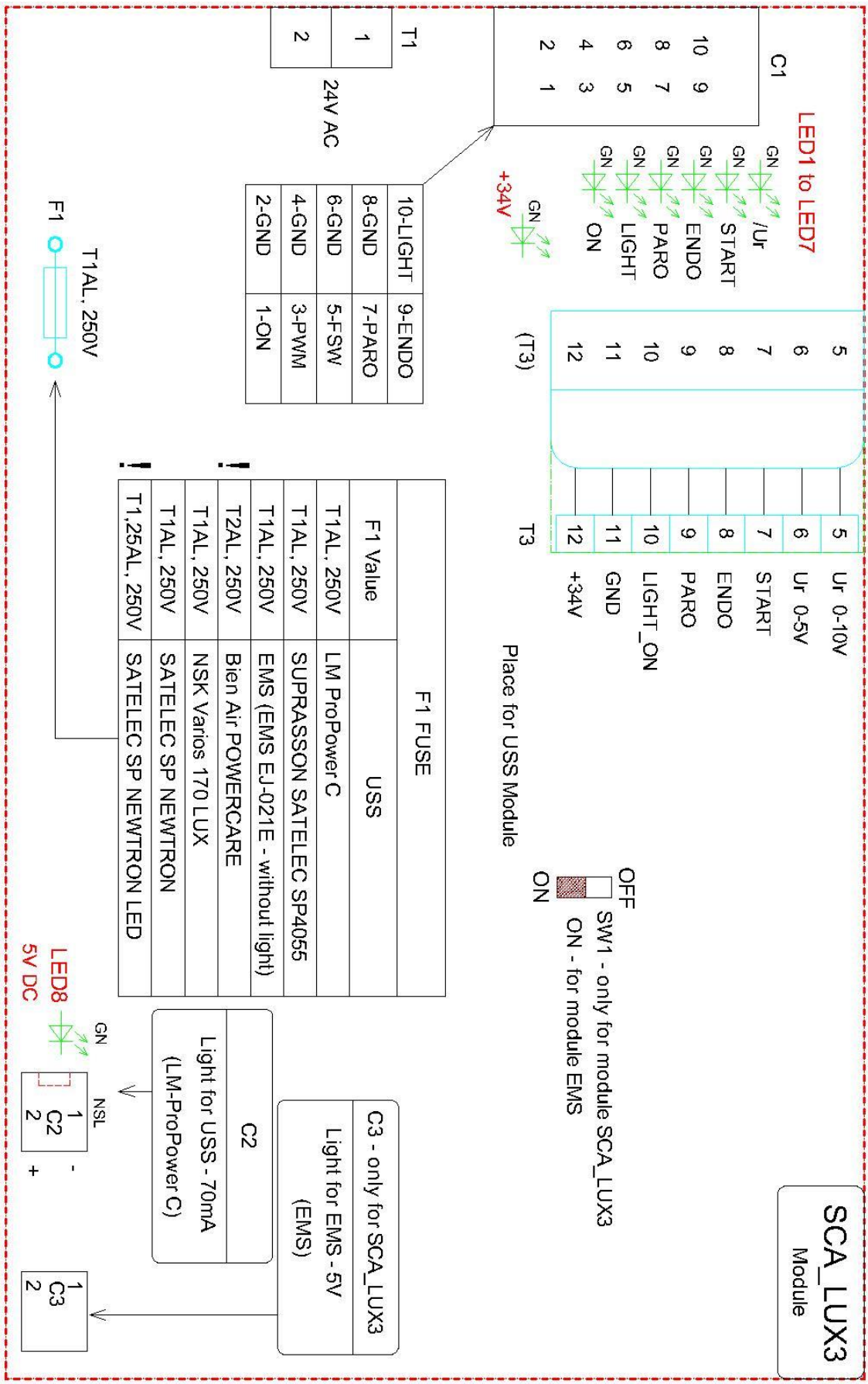
Enter the required values per the configuration of the dental unit:

Type of unit:	Unit serial number:
Note:	
Date:	**Signature:**

7. Module: SCA_LUX3

If the module is physically damaged, indicate where on the provided pictogram.

M



Then provide the following details:

The serial number of the board:	Board SW version / SW version in the unit:

Only enter LED values for LEDs related to a fault of the unit

	Controlled parameters		Evaluation	
	Parameter	**Function**	**required**	**evaluated**
1	Voltage T1: 1/2	Voltage	24 VAC	
2	Voltage T3: 5/11	Uref voltage	0-10 V	
3	Voltage T3: 6/11	Uref voltage	0-5 V	
4	Voltage T3: 12/11	Voltage	+34 V	
5	LED 1	Uref	On when activated	
6	LED 2	Start	On when activated	
7	LED 3	Endo	On when activated	
8	LED 4	Paro	On when activated	
9	LED 5	Light	On when activated	
10	LED 6	ON	On when activated	
11	LED 7	+34 V	On	
12	LED 8	5 VDC	On	
13	LED 8	5 VDC	On	

- These LEDs measure intensity indirectly based on the output of the instrument / unit to which they are assigned

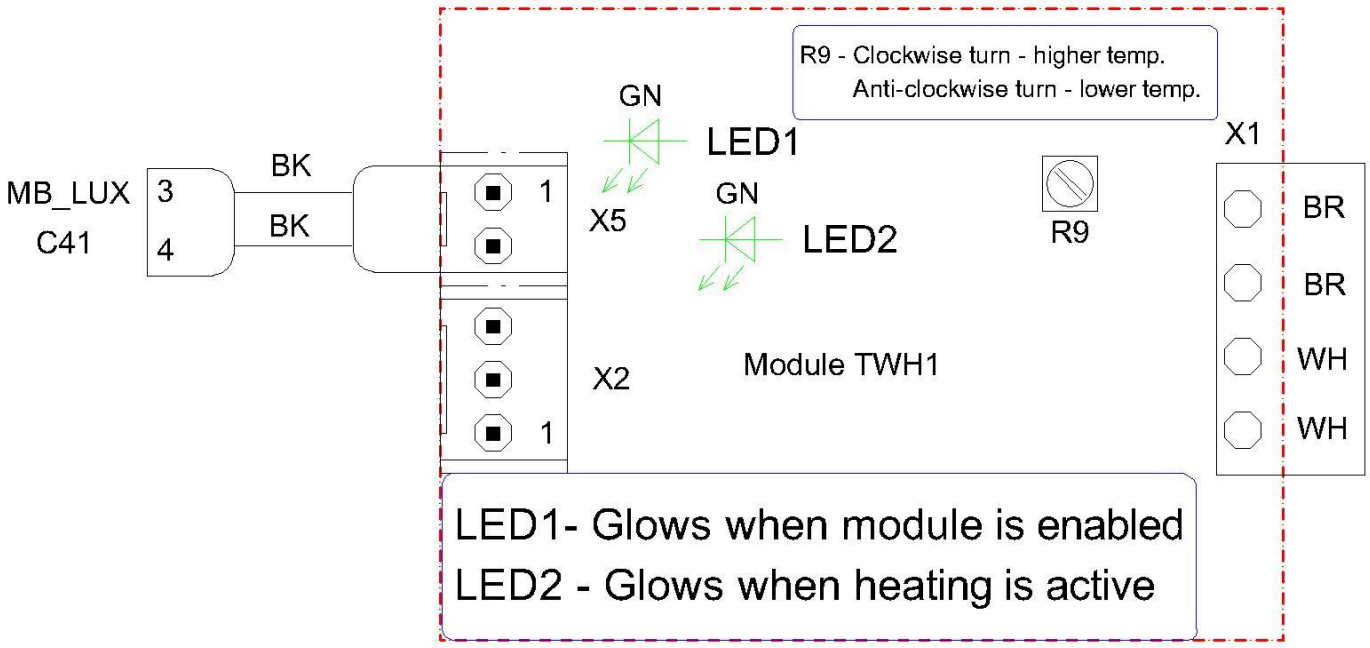
Fault description

Enter the required values per the configuration of the dental unit:

Type of unit:	Unit serial number:
Note:	
Date:	**Signature:**

8. Module: TWH1

If the module is physically damaged, indicate where on the provided pictogram.



Then provide the following details:

The serial number of the board:	Board SW version / SW version in the unit:

Only enter LED values for LEDs related to a fault of the unit

	Controlled parameters		Evaluation	
	Parameter	**Function**	**required**	**evaluated**
1	Voltage X1: 1/2	Voltage	24 VAC	
2	Voltage X1: 3/4	Heating element power	24 VAC when activated	
3	Voltage X2: 1/2	Uref voltage	0.1 V at 1°C	
4	Voltage X2: 1/3	Voltage	24 VDC	
5	LED 1	Uref	On when heating	
6	LED 2	Activated with MB_LUX	On	
7				
8				
9				
10				
19				

Fault description

Enter the required values per the configuration of the dental unit:

Type of unit:	Unit serial number:
Note:	
Date:	**Signature:**

DIPLOMAT DENTAL s.r.o.
VRBOVSKÁ CESTA 17
921 01 PIEŠŤANY
SLOVAK REPUBLIC