



Part description

Code	Item	Location/Figure
K03080 V1.0	KAPPAQ Measuring Unit	
K03080 V1.0	Base Unit Electronics	
K01209 V1.0	Master CPU Unit	Master CPU module (Fig. K00990; 2)
K01297 V1.0	Flash Card 128MT TS128MCF45I	Master CPU module (Fig. K00990; 1)
K02772 V1.0	Binary I/O	Fig. K02772
K01263	Battery	Master CPU module
K00956 V1.0	IO CPU	Fig K00956
K01188 V1.0	Electronics power 24V	Fig. K03080; 27
K02950 V1.0	Frequency inverter	Fig. K03080; 19
K03098 V1.0	Interface box	Fig. K03080; 21
K03129	Work light F11BX/840/	Fig. K03129
243485	Chamber light 1, 2 (LAMP 24V/5W100-13822 Trifa)	Fig. K03218; 7
K03166 V1.0	Level sensor	
K03458	Level sensor Gefran	Fig. K03461
K03418	Float for levels sensor Gefran	
A4500307 V1.1	LC-100 pre amplifier	LC-100 measurement unit
K03054 V1.0	Sensor PT-100	
K00991 V1.0	Customer IO	Fig. K00991
A4310082 V1.3	Communicator I	
K03080 V1.0	Base Unit Mechanics	
	Wash chamber	
K02448 V1.0	Ball valve MARS 77-32+PRISMA (Valve&Actuator) SLV 5	Valve&actuator SLV 5
K02448 V1.0	Ball valve MARS 77-32+PRISMA (Valve&Actuator) SLD 6	Valve&actuator SLD 6
K02448 V1.0	Ball valve MARS 77-32+PRISMA (Valve&Actuator) WRS 11	Valve&actuator WRS 11
K02445 V1.0	Ball 77-XX06SSX-DN32 PN64 (Ball valve)	SLV 5, SLD 6, WRS 11
K02437 V1.0	Pneumatic actuator P00 SF 03702 F05-11	SLV 5, SLD 6, WRS 11
K03477	Gasket for MARS 77-33	SLV 5, SLD 6, WRS 11
242461	CHECK VALVE DRM-G1/4 FKM, AISI 316 (SLP 9)	SLP 9
242461	CHECK VALVE DRM-G1/4 FKM, AISI 316 (SCP 1)	SCP 1
240150	O-RING 123.42X3.53 VITON	Fig.K02987 ;26
210864	O-RING 110,0X5,0	Fig.K02989 ;15
K24156	SOLENOID VALVE 85202-401 24V (Hot water valve manifold)(CHV 15)	Water valve manifold Fig.K03051
K24156	SOLENOID VALVE 85202-401 24V (Hot water valve manifold)(WMW 19)	Water valve manifold Fig.K03051
K24156	SOLENOID VALVE 85202-401 24V (Hot water valve manifold)(SLW 20)	Water valve manifold Fig.K03051
K24156	SOLENOID VALVE 85202-401 24V (Water valve manifold)(SCW 13)	Water valve manifold Fig.K03074
K24156	SOLENOID VALVE 85202-401 24V (Water valve manifold)(EJC 14)	Water valve manifold Fig.K03074
K24156	SOLENOID VALVE 85202-401 24V (Water valve manifold)(WOW 16)	Water valve manifold Fig.K03074
K24156	SOLENOID VALVE 85202-401 24V (Water valve manifold)(WUW 17)	Water valve manifold Fig.K03074
K24156	SOLENOID VALVE 85202-401 24V (Water valve manifold)(LFL 18)	Water valve manifold Fig.K03074
242917	PRESSURE REGULATOR LR-1/8-D- FESTO 2,5bar	Fig. K03070
K02990	Wire Assembly	Fig.K02986 ;3
H3500126 V1.0	Support Plate	Fig.K02989 ;8
K00902	SOLENOID VALVE Burkert 5470(SCP 1)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (WCP 2)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (PUW 3)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (BLR 4)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (SLV 5)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (SLD 6)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (LAB 7)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (DCH 8)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (SLP 9)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (UDR 10)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (WRS 11)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (WRW 12)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (LAL 35)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (LAR 36)	Air valve manifold Fig. K03094
242750	Pressure switch R1/4 (Air valve manifold)	Fig.K03094 ;6
242750	Pressure switch R1/4 (Water valve manifold)	Fig.K03074 ;8
242750	Pressure switch R1/4 (Hot water valve manifold)	Fig.K03051 ;6
H4500363 V1.0	Ejector P20 DN010 1.5MM PVC (Washing jet)	Fig.K03112
171579	CHECK VALVE D20 21.360 -025 +GF+ (CHV 15)	Fig.K03112 ;13
271593	CHECK VALVE DRM-G1/4 PTFE, AISI 316 (Kem. ejector)	Fig.K03112 ;10
K02448 V1.0	Ball valve MARS 77-32+PRISMA (Valve&Actuator) WRW 12	Valve&Actuator WRW 12
K02445 V1.0	Ball 77-XX06SSX-DN32 PN64 (Ball valve)	WRW 12
K02437 V1.0	Pneumatic actuator P00 SF 03702 F05-11	WRW 12
K03477	Gasket for MARS 77-32	WRW 12
242461	CHECK VALVE DRM-G1/4 FKM, AISI 316 (PUM 3)	PUM 3

K02988 V1.0	Prescreening unit	
258988	Relif valve R3/8 3BAR	Fig. K02988 ;24
262006	PRESS.GAUGE 1/4 NPT 160PS	Fig. K02988 ;19
K02448 V1.0	Ball valve MARS 77-32+PRISMA (Valve&Actuator) UDR 10	Fig. K02988 ;7
K02445 V1.0	Ball valve77-XX06SSX-DN32 PN64	UDR 10
K02437 V1.0	Pneumatic actuator P00 SF 03702 F05-11)	UDR 10
K03477	Gasket for MARS 77-33	UDR 10
242461	CHECK VALVE DRM-G1/4 FKM, AISI 316(WCP 2)	WCP2
K03085 V1.0	Screen assebly, prescreening assembly	
K03227 V1.0	Screen	Fig. K03085
K03082 V1.0	Sweep chamber	
	Dilution Chamber	
242917	PRESSURE REGULATOR LR-1/8-D- FESTo 2,5bar	Fig. K03070
242461	CHECK VALVE DRM-G1/4 FKM, AISI 316 (MCP 30)	SWP 30
258988	Relif valve R3/8 3BAR	Fig. K03214 ;17
262006	PRESS.GAUGE 1/4 NPT 160PS	Fig. K03214 ;13
242461	CHECK VALVE DRM-G1/4 FKM, AISI 316 (MXP 27)	MXP 27
K00902	SOLENOID VALVE Burkert 5470 (EXV 22)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (SEV 25)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (UDC 26)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (MXP 27)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (WIV 29)	Air valve manifold Fig. K03094
K00902	SOLENOID VALVE Burkert 5470 (MCP 30)	Air valve manifold Fig. K03094
K24156	SOLENOID VALVE 85202-401 24V	Fig.K03082 ;8
210542	O-RING 127X3 VITON	Fig. K03214 ;23
K02448 V1.0	Ball valve MARS 77-32+PRISMA (Valve&Actuator) UDR 26	Valve&Actuator UDR 26 Fig.K03214 ;23
K02448 V1.0	Ball valve MARS 77-32+PRISMA (Valve&Actuator) DCH 8	Valve&Actuator DCH 8 Fig.K03214 ;9
K02448 V1.0	Ball valve MARS 77-32+PRISMA (Valve&Actuator) WRW 25	Fig.K03213 ;7
K02445 V1.0	Ball valve 77-XX06SSX-DN32 PN64	UDR 26, DHC 8 WRW 25
K02437 V1.0	Pneumatic actuator P00 SF 03702 F05-11	UDR 26, DHC 8 WRW 25
K03477	Gasket for MARS 77-32	UDR 26, DHC 8 WRW 25
K01180 V1.0	VALVE & ACTUATOR R1/2 WIW 29	Fig.K03213 ;8
K01180 V1.0	VALVE & ACTUATOR R1/2 EXV 22	Fig. K03082 ;1
K01180 V1.0	VALVE & ACTUATOR R1/2 BLR 4	Fig.K03111 ;1
K00898 V1.0	Pneumatic Actuator PW SF03700 F03+Holkki	Fig.K03105 ;4
262360	3-way valve ALM 1/2" LAB 7	Fig.K03105 ;5
263277	Gasket set for 3-way valve	LAB 7
K03091	PumpTapflo	Fig. K03091
K03285	Gasket for Tapflo pump 5-107-15 CERAMIC/GRAFIT/EPDM	PumpTapflo
K03286	Axle for Tapflo pump 5-003-16 (316L)	PumpTapflo
K03287	O-RING 5-003-18-2 VITON	PumpTapflo
K03093	Lab. Sample module	Fig. K03093
250191	Gasket for magnet valves	Water valve manifold
K03090 V1.0	Water regulation unit	
215301	PRESSURE REGULATOR R1/2 SS	Fig.K03090 ;9
K05079	PRESSURE REGULATOR 3/4" NEW	
K03089	Air regulation unit	
K03269	Air regulator AW40	
250407	CARTRIDGE 40MM	Fig. K03089 ;3
K03080V1.0	Base Unit Optical	
A4370336 V1.0	LC-100 measurement cell	Fig. K03080; 26
K03136 V1.0	Kappa Measuring Unit Electronics	
A4501073 V1.0	xenon power	Fig. E3501073
K4500530 V1.4	KAPPA (LAMP XENON L4633-01)	
K03164 V1.0	KAPPA D2	Fig. K03216 ;1
K03145 V1.0	KAPPA D1	Fig. K03216 ;3
K03147 V1.0	KAPPA D5	Fig. K03216 ;2
K03144 V1.0	Kappa D3/D4 Ref, lamp reference	Fig. K03216 ;4
K03144 V1.0	Kappa D3/D4 Ref, water value reference	
K03236 V1.0	DCPU	Fig. K03236
K03137 V1.0	Brite Measuring Unit Electronics	
A4501073 V1.0	xenon power	Fig. E3501073
K4500530 V1.4	Brightness (LAMP XENON L4633-01)	
K03163 V1.0	Brightness I /referens,D8 (Brightness REF.)	Fig. K03358 ;1
K03143 V1.0	Brightness I detector ,D6 (Brightness)	Fig. K03358 ;2
K03142 V1.0	Brightness consistency,D7 (consistency measurement detector)	Fig. K03358 ;3
K03167	Brightness 510 NM (Special Brightness when CLO2 presence)	Fig. K03358 ;14
K03236 V1.0	DCPU	Fig. K03236
K03137 V1.0	Brite Measuring Unit Mechanics	
252502	WITH DESICCANT Cartridge	Fig. K03358 ;8

SD-502_Line no.1: Blow Line

243931 Gasket set for sample delivery valves (SD-501, 502 and 505)
240077 DIAPHRAGM ACTUATOR (SD-502 IFO MD300-40)
240085 SAMPLE PISTON
240101 SHIELD FOR SAMPLE PISTON (SD-502 seat ring)
239640 BALL-VALVE+ACT.DA-008-40 (SD-501 water valve)
239632 BALL VALVE + ACTUATOR .AL3 DN40/R (SD-501 sample drop valve)
240119 GASKET FOR PISTON SHAFT
240127 BEARING BUSHINGVALMET
246140 SOLEN.VALVE L-475-H-8-
242750 PRESSURE SWITCH O186458031006
243998 ME300:N MEMBRANE 9916851 (SD-502 diaphragm)

SD-502_Line no.2: Pre O2

243931 Gasket set for sample delivery valves (SD-501, 502 and 505)
240077 DIAPHRAGM ACTUATOR (SD-502 IFO MD300-40)
240085 SAMPLE PISTON
240101 SHIELD FOR SAMPLE PISTON (SD-502 seat ring)
239640 BALL-VALVE+ACT.DA-008-40 (SD-501 water valve)
239632 BALL VALVE + ACTUATOR .AL3 DN40/R (SD-501 sample drop valve)
240119 GASKET FOR PISTON SHAFT
240127 BEARING BUSHINGVALMET
246140 SOLEN.VALVE L-475-H-8-
242750 PRESSURE SWITCH O186458031006
243998 ME300:N MEMBRANE 9916851 (SD-502 diaphragm)

SD-502_Line no.3: Post O2

243931 Gasket set for sample delivery valves (SD-501, 502 and 505)
240077 DIAPHRAGM ACTUATOR (SD-502 IFO MD300-40)
240085 SAMPLE PISTON
240101 SHIELD FOR SAMPLE PISTON (SD-502 seat ring)
239640 BALL-VALVE+ACT.DA-008-40 (SD-501 water valve)
239632 BALL VALVE + ACTUATOR .AL3 DN40/R (SD-501 sample drop valve)
240119 GASKET FOR PISTON SHAFT
240127 BEARING BUSHINGVALMET
246140 SOLEN.VALVE L-475-H-8-
242750 PRESSURE SWITCH O186458031006
243998 ME300:N MEMBRANE 9916851 (SD-502 diaphragm)

SD-502_Line no.4: Pre Beach

243931 Gasket set for sample delivery valves (SD-501, 502 and 505)
240077 DIAPHRAGM ACTUATOR (SD-502 IFO MD300-40)
240085 SAMPLE PISTON
240101 SHIELD FOR SAMPLE PISTON (SD-502 seat ring)
239640 BALL-VALVE+ACT.DA-008-40 (SD-501 water valve)
239632 BALL VALVE + ACTUATOR .AL3 DN40/R (SD-501 sample drop valve)
240119 GASKET FOR PISTON SHAFT
240127 BEARING BUSHINGVALMET
246140 SOLEN.VALVE L-475-H-8-
242750 PRESSURE SWITCH O186458031006
243998 ME300:N MEMBRANE 9916851 (SD-502 diaphragm)

SD-505_Line no.5: EOP

243931 Gasket set for sample delivery valves (SD-501, 502 and 505)
240077 DIAPHRAGM ACTUATOR (SD-502 IFO MD300-40)
240085 SAMPLE PISTON
240101 SHIELD FOR SAMPLE PISTON (SD-502 seat ring)
239640 BALL-VALVE+ACT.DA-008-40 (SD-501 water valve)
239632 BALL VALVE + ACTUATOR .AL3 DN40/R (SD-501 sample drop valve)
240119 GASKET FOR PISTON SHAFT
240127 BEARING BUSHINGVALMET
246140 SOLEN.VALVE L-475-H-8-
242750 PRESSURE SWITCH O186458031006
243998 ME300:N MEMBRANE 9916851 (SD-502 diaphragm)

SD-502_Line no.6: Final

243931 Gasket set for sample delivery valves (SD-501, 502 and 505)
240077 DIAPHRAGM ACTUATOR (SD-502 IFO MD300-40)
240085 SAMPLE PISTON
240101 SHIELD FOR SAMPLE PISTON (SD-502 seat ring)
239640 BALL-VALVE+ACT.DA-008-40 (SD-501 water valve)
239632 BALL VALVE + ACTUATOR .AL3 DN40/R (SD-501 sample drop valve)
240119 GASKET FOR PISTON SHAFT
240127 BEARING BUSHINGVALMET
246140 SOLEN.VALVE L-475-H-8-
242750 PRESSURE SWITCH O186458031006
243998 ME300:N MEMBRANE 9916851 (SD-502 diaphragm)