
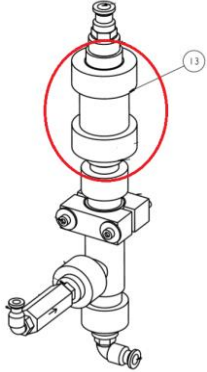

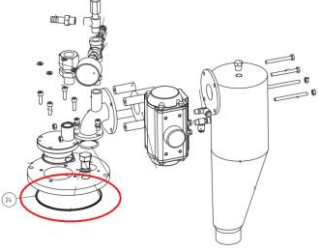

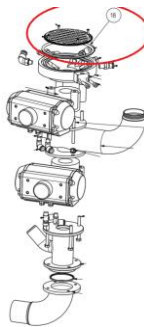





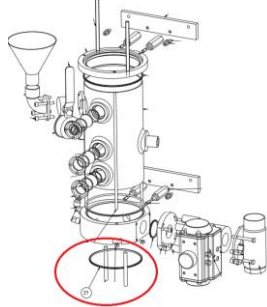

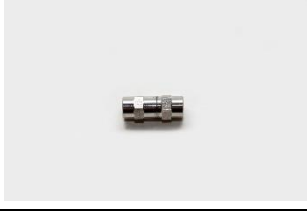



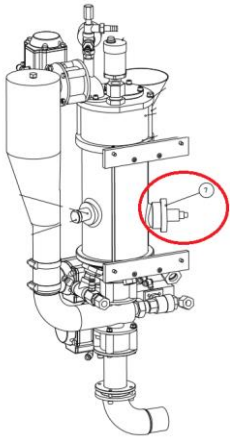























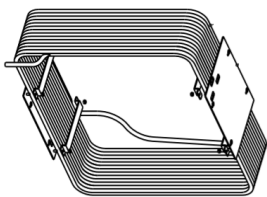




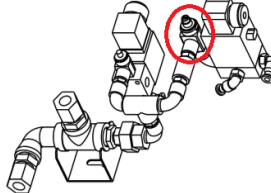


171579		Check valve D20 21.360 V	Check valve CHW 15 for ejector Fig. K03112;13 
210542		O-ring 127X3 VITON	O-ring, Fig. K03214; 24 
210864		O-ring 110,0X5,0	O-ring for suction chamber (under washing chamber, under wire assembly) Fig. K02989;18 
215301		Pressure regulator R1/2 SS	Pressure regulator used in Shives measuring unit
K03266		Neutralize regulator assembly R1/2 SS	Pressure regulator assembly used in neutralization chemical assembly K03088






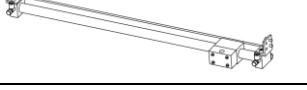


238618		Filter PG-100-1	Filter of water regulator assembly K05136. Used also in Kappa sample vessel A4501001
K24156		Solenoid valve 1/4	Water solenoid valve for feeding cold water / warm water to analyzer CHW 15, WMW 19, SLW 20, SCW 13, WOW 16, WUW 17, LFL 18, EXF 23, SVF 24, WIW 28
240150		O-ring 123.42X3.53 VITON	O-ring for washing chamber (on the wire assembly), Fig. K02987; 27 
242248		Pressure gauge 10 BAR D6	Pressure gauge used in water regulator assembly K05136
242461		Check valve DRM-G1/4 AISI	Check valve for instrument air lines SLP 9, SCP 1, PUW 3, WCP 2, SWP 30, MXA 27 and water line LFL18
242750		Pressure switch	Pressure switch, used in air valve manifold K03094, cold water valve manifold K03074, hot water valve manifold K03051, and sampling devices SD501/502/505/506
242917		Pressure regulator LR-1/8-D	Pressure regulator used in washing chamber and sweep chamber









243139		Lamp 24V/5W 100-13822 PHIL	Lamp, Fig. K03218; 7 
243626		Lamp Xenon	Xenon lamp used in Kappa module and in Brightness module
252502		Desiccant cartridge	Humidity removal cartridge for Brightness module
258988		Relief valve NI5.2CAS	Pressure relief valve used in washing and sweep chamber
262006		Pressure gauge 1/4 NPT 160PS	Pressure gauge used in washing chamber and in sweep chamber
262360		3-way valve R1/2	3-way valve, to get laboratory sample from the analyzer
263087		Solenoid valve LUCIFER	Valve for feeding neutralization chemical



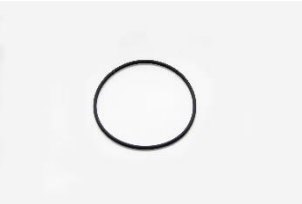
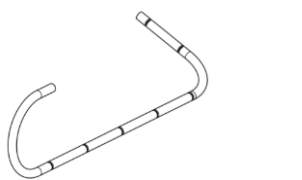



271593		Check valve DRM-G1/4 PTFE, AISI 316	Check valve for washing chemical and neutralization chemical line
A4230631		Fan assembly	Cooling fan in Fiber/Shive module computer assembly K01488 and in UHD upgrade kit K20958
A4370336		Measuring cell, LC-100	Measurement cell of LC-100 consistency measurement
A4500307		LC-100 preamplifier	Preamplifier electronic board for LC-100
A4501001		Kappa sample vessel	Kappa sample vessel for laboratory sample collection from the analyzer
A4501073		Power supply assembly Xenon	Power supply assembly for Kappa QC Xenon light
H3500126		Support plate	Support plate for wire assembly
H4500363		Ejector PVC	Ejector (suction ejector, washing chemical ejector, neutralization chemical ejector) for Kappa QC analyzer


K00898		Pneumatic actuator	Pneumatic actuator for 3-way valve of Kappa QC (laboratory collection valve and shive delivery valve)
K00899		Solenoid valve G1/4 24VDC 10W AISI 316	Water solenoid valve used in Fiber/Shive module SSS, SSF, SSA, SSD
K00902		Solenoid valve	Air solenoid valve in air solenoid assembly
K00956		I/O board	IO CPU board, in analyzer electronic box and in Fiber/Shive module. Controls analyzer operations, Fiber/Shive module and Defibrator
K00990		Master CPU	Master CPU board for Kappa QC with empty Flash card
K00991		Customer I/O board (1 board: 8xAout, Bout, Bin)	Customer I/O board, includes analog outputs and binary inputs/outputs
K01180		Valve & actuator R 1/2 PEEK gasket	Valve 22 EXV, 04 BLR, 29 WIV
K01297		Flash card ADM-008 512MB	Empty Flash card of master CPU of Kappa QC





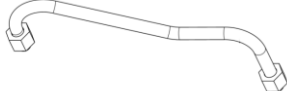
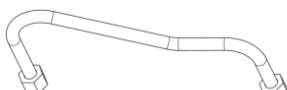
K01487		Hose assembly	Hose assembly in Fiber/Shive module. Used as a pulp sample storage.
K01488		Computer assembly	Computer assembly of Fiber/Shive module K03086
K01525		Power supply	Power supply for Fiber/Shive module K03086
K01560		PCB assembly Shive LED driver	LED driver for Fiber/Shive module K03086
K01879		Throttle & check valve	Throttle & check valve, belongs to FiberShive unit valve assembly K02623 
K02437		Pneumatic actuator P00 SF 03702 F05-11	Pneumatic actuator to control MARS valves, belongs to K02448
K02445		Valve 77-XX06SSX-DN32 PN64	Ball valve MARS, belongs to K02448

K02448		Valve & actuator MARS 77-32+PRISMA	MARS valve + actuator. Utilized in analyzer operation
K02772		Binary I/O	Binary I/O board of Kappa QC
K02990		Wire assembly	Wire assembly to the bottom of Washing Chamber
K03054		Sensor PT-100	Temperature sensor to monitor warm water temperature
K03091		Pump TAPFLO	TAPFLO Pump for the analyzer
K03093		Lab. sample module	A rail of laboratory sample collector unit
K03129		Work light F11BX/840	Work light for Kappa QC
K03142		Brightness consistency, D7 (Consistency meas. detector)	Kappa QC, Brightness module, Detector 7 (Brightness)

K03143		Brightness I detector, D6 (Brightness)	Kappa QC, Brightness module, Detector 6 (Brightness)
K03144		Kappa D3/D4 Ref	Kappa QC, Kappa module, Detector 3 / Ref Detector 4
K03145		Kappa D1	Kappa QC, Kappa module, Detector 1
K03147		Kappa D5	Kappa QC, Kappa module, Detector 5
K03163		Brightness I/reference, D8 (Brightness ref.)	Kappa QC, Brightness module, Detector 8 (Brightness ref)
K03164		Kappa D2	Kappa QC, Kappa module, Detector 2
K03166		Level sensor	On-off type level sensor for washing chamber of dual chamber model Kappa QC
K03236		DCPU	DCPU board for Kappa and Brightness measurements. Located in Module electronic box.

K03285		Gasket set for TAPFLO pump	Gasket set for Tapflo pump K03091
K03286		Shaft 5-003-16 (316L)	Shaft of Tapflo pump K03091
K03287		O-ring 5-003-18-2 (Viton)	O-ring for Tapflo pump K03091
K03337		Hose assembly, mixer hose	Mixer hose in Fiber/Shive module
K23334		Floater for level transmitter	Floater of level transmitter. Used in washing chamber and in sweep chamber level transmitters. Replaces old plastic floater.
K03436		Power unit 24V DC/10A	Power supply unit for Kappa QC
K03458		Level sensor GEFRA	Level transmitter for washing chamber and sweep chamber
K03460		Brightness sample bottle	Brightness sample bottle for laboratory sample collection from the Kappa QC analyzer

K03477		Gasket for Mars valve	Gasket set for Mars valve
K05079		Pressure regulator 3/4	Pressure regulator for water regulator unit
K05156		Air filter AF40P-060S	Air filter for air regulator unit
K05497		Gasket set 1 (for 3-way valve)	Gasket set for 3-way valve (without ball)
K05498		Gasket set 2 (for 3-way valve)	Gasket set for 3-way valve (with ball)
K09415		Frame assembly computer (delivered for example when motherboard is broken)	Computer frame assembly of Fiber/Shive module K03086
K09555		Upgrade kit Communicator-I => Flexi-U	A kit to upgrade Communicator to Flexi-U
K11261		Optics assembly, shive	Optics assembly of Fiber/Shive module K03086

K11465		Hard disk SSD (delivered only when HD Disk is broken)	Used in Fiber/Shive computer frame assembly K09415
K13869		Boiler 200 L	Boiler to warm water for the analyzer
K15182		Upgrade kit Flexi => Flexi-U	Upgrade kit from Flexi operating terminal to Flexi- U operating terminal 
K15066		Frequency inverter Yaskawa V1000	Frequency inverter utilized in Tapflo pump speed control and operation
K21337		Sample delivery pipe to sweep chamber with adapter sleeve	Pipe between washing chamber and sweep chamber, with adapter sleeve
K21340		Sample delivery pipe to sweep chamber without adapter sleeve	Pipe between washing chamber and sweep chamber, no adapter sleeve