



Typical Consumable & Wear Parts for 2 Year Operation for 1 Hach BioTector TOC TN TP Analyzer

Item No	Description	Typical Consumable & Wear Parts				Recommended / Essential Customer Stock Quantity for Spare Parts
		6 months	12 months	18 months	24 months	
Typical Consumables						
19-KIT-119	BioTector TOC TN TP Analyzer 6 month service kit	1	-	1	-	1
19-KIT-120	BioTector TOC TN TP Analyzer 12 month service kit	-	1	-	1	1
19-KIT-110	NF300 Circulation Pump 6 Month Service Kit	1	-	1	-	1
19-KIT-111	NF300 Circulation Pump 12 Month Service Kit	-	1	-	1	1
	Acid 25L, 1.8N H ₂ SO ₄ , with Mn catalyst	See section 6 in BioTector user manual.				
	Base 25L, 1.2N NaOH, low in carbonate					
	TN Cleaning Solution, 10 L.					
	DI Water, 10 L.					
	TP Reagent, 10 L.					
	HCl Acid, 3N HCl, 10 L.					
Typical Wear Parts						
19-PCB-053	ARM Mainboard, Rev 9, Including Processor & LCD	-	-	-	-	0
10-EMT-004	PEEK ARS Sample Valve	-	-	-	1	1
19-MAX-004	WMM60 Sample Pump, N Pump & P Pump	-	-	-	3	1
19-ASF-004	SR25 Acid and Base Pump	-	-	-	-	0
10-SMR-001	Non return valve (check valve), 1psi	-	-	-	-	1
19-EMC-002	Type 6606 Burkert N/O valve with plug	-	-	-	-	1
19-EMC-003	Type 6606 Burkert C/O valve with plug	-	-	-	-	1
12-SIR-001	SIRAI Pinch Valve, complete	-	-	-	-	0
19-PCB-160	B7000 Power PCB for 115V Systems	-	-	-	-	0
19-PCB-250	B7000 Power PCB for 230V Systems	-	-	-	-	0
10-KNK-001	Isolation amplifier	-	-	-	-	1
19-CO2-007	CO ₂ Analyser, Hastelloy, 0-10000 ppm	-	-	-	-	0
19-CO2-004	CO ₂ Analyser, Hastelloy, 0-15000 ppm	-	-	-	-	0
19-PCS-002	Cooler, complete	-	-	-	-	0
10-PCP-001	Mass Flow Controller	-	-	-	-	0
10-HAW-001	Ozone destructor heater	-	-	-	-	0
10-MAC-001	Oxygen Regulator, relieving, 0-700mbar.	-	-	-	-	1
10-KBS-019	Oxidised Sample Catchpot / Cleaning Vessel, Glassware, 50mm	-	-	-	-	1
10-SCA-003	PFA Tubing, 1/4" OD x 4mm ID - 1 meter	-	-	-	-	5 meters
10-SCA-002	PFA Tubing, 3/16" OD x 1/8" ID - 1 meter	-	-	-	-	5 meters
10-SCA-006	PFA Tubing, 1/4" OD x 1/8" ID (6.35mm OD x 3.18mm ID) - 1 meter	-	-	-	-	5 meters
10-SCA-001	PFA Tubing, 1/8" OD x 1/16" ID - 1 meter	-	-	-	-	5 meters
10-SCA-004	PFA Tubing, 12mm OD x 10mm ID - 1 meter	-	-	-	-	1 meter
10-REH-001	EMPP Tubing, 3.5mm OD x 1.5mm ID - 1 meter	-	-	-	-	1 meter
10-REH-002	EMPP Tubing, 6.4mm OD x 3.2mm ID - 1 meter	-	-	-	-	2 meters
10-REH-003	EMPP tubing, 5.6mm OD x 2.4mm ID - 1 meter	-	-	-	-	1 meter
10-EMT-114	Set of 1x1/4" PTFE ferrule and PEEK locking ring	-	-	-	-	5
10-EMT-136	Set of 1x3/16" PTFE ferrule and PEEK locking ring	-	-	-	-	5
10-EMT-120	Set of 1x12mm PTFE ferrule and PEEK locking ring	-	-	-	-	1
10-EMT-118	Set of 1x1/8" PTFE ferrule and PEEK locking ring	-	-	-	-	1
Typical TN TP Wear Parts						
19-TND-002	TN TP Dual Cell Photometer Module	-	-	-	-	0
19-TND-003	TP Dual Cell Photometer Module	-	-	-	-	0
17-PCB-031	TP Boiler Transformer PCB (81204300)	-	-	-	-	0
10-KBS-010	Drain Chamber, Glassware	-	-	-	-	1
10-KBS-023	TP Mixing Chamber 8ml	-	-	-	-	1
19-TNP-002	TNP Boiler. (TP & OOP Boiler)	-	-	-	-	1
19-ASF-006	TP Reagent Pump & HCl Acid Pump, SR25, 1.6mm ID EMPP tubing	-	-	-	1	1
10-OPT-001	Cell, 45 x 0.5mm (TN & TP measuring Cells)	-	-	-	-	0
10-OPT-002	Cell, 45 x 1mm (TN & TP measuring Cells)	-	-	-	-	0
10-OPT-003	Cell, 45 x 2mm (TN & TP measuring Cells)	-	-	-	-	0
10-OPT-004	Cell, 45 x 5mm (TN & TP measuring Cells)	-	-	-	-	0
10-OPT-005	Cell, 45 x 10mm (TN & TP measuring Cells)	-	-	-	-	0
19-EMC-009	Type 6606 Burkert C/O valve with tube connectors and plug	-	-	-	-	1
19-EMC-012	Type 6606 Burkert N/C valve with tube connectors and plug	-	-	-	-	1
19-TNP-005	Liquid Phase Filter	-	-	-	-	0
10-JWA-006	Viton tube, 6.5mm OD x 2.5mm ID (20mm)	-	-	-	-	12
10-JWA-008	Viton tube, 9.5mm OD x 5.5mm ID (25mm)	-	-	-	-	5