



Typical Consumable & Wear Parts for 3 Year Operation for 1 Hach BioTector B3500ul TOC Analyzer

Item No	Description	Typical Consumable & Wear Parts						Recommended / Essential Customer Stock Quantity for Spare Parts
		6 months	12 months	18 months	24 months	30 months	36 months	
Typical Consumables								
19-KIT-123	BioTector UltraLow System-C TOC Analyzer 6 month Service Kit	1	1	1	1	1	1	2
-	Acid 19L, 1.8N H ₂ SO ₄ , with 80mg/L MnSO ₄ .H ₂ O catalyst	See section 6 in BioTector user manual.						
-	Base 19L, 1.2N NaOH, low in carbonate	See section 6 in BioTector user manual.						
Typical Wear Parts								
19-PCB-055	B5C Motherboard with ARM core, LCD and ribbon cable	-	-	-	-	-	-	0
19-PCB-056	B3500 Mainboard with Ex-i Battery for IECEx & ATEX Zone 1 systems	-	-	-	-	-	-	0
20-B5C-014	B5C PSU module including Power and Input/Output Board	-	-	-	-	-	-	0
20-PCB-036	B5C Oxygen Controller Board, complete	-	-	-	-	-	-	0
20-PCB-038	B5C Termination Board	-	-	-	-	-	-	0
19-MAX-008	B5C Sample Pump, WMM60	-	-	-	1	-	-	1
20-B5C-019	B5C Acid Pump, FMM20	-	-	-	-	-	1	1
20-B5C-020	B5C Base Pump, FMM20	-	-	-	-	-	1	1
10-KNF-038	NF300 PTFE Diaphragm	-	-	-	-	-	-	1
19-B5C-024	B5C Mixer Reactor Motor, 24V DC	-	-	-	-	-	-	1
19-B5C-023	B5C Mixer Reactor, 316SS, complete with 24V DC motor	-	-	-	-	-	-	0
19-B5C-009	B5C Mixer Reactor, 316SS	-	-	-	-	-	-	0
19-B5C-014	B5C Type 6606 Burkert N/O valve (Exhaust Valve, MV1)	-	-	-	-	-	-	1
19-B5C-015	B5C Type 6606 Burkert N/C valve (Reactor Valve, MV3)	-	-	-	-	-	-	1
19-B5C-016	B5C Pinch Valve N/O	-	-	-	-	-	-	1
19-B5C-017	B5C Pinch Valve C/O	-	-	-	-	-	-	1
19-B5C-012	B5C Air Isolation Valve, N/C	-	-	-	-	-	-	0
20-B5C-011	B5C Oxygen Concentrator Rotary Valve	-	-	-	-	-	1	1
10-DVB-012	B5C Oxygen Concentrator Pressure Regulator	-	-	-	-	-	-	0
10-DVB-024	B5C Oxygen Concentrator Pressure Relief Valve	-	-	-	-	-	-	0
10-DVB-013	Oxygen Concentrator Sieve Beds (set of 2)	-	-	-	-	-	-	0
19-CO2-010	BioTector UltraLow System-C CO ₂ Analyzer, 0-2000 ppm	-	-	-	-	-	-	0
10-HAW-001	Ozone Destructor Heater	-	-	-	-	-	-	0
19-B5C-007	B5C Ozone Destructor	-	-	-	-	-	-	0
20-B5C-025	B5C Ozone Generator Module, complete	-	-	-	-	-	-	0
19-PCB-034	B5C Ozone Board with terminal plugs	-	-	-	-	-	-	0
19-B5C-026	B5C Cooler Kit with peltier element and fan	-	-	-	-	-	-	1
19-B5C-022	B5C Fan	-	-	-	-	-	-	0
12-SMC-001	B5C Filter Pack Elements (for air supply)	-	-	-	1	-	-	1
19-B5C-021	B5C Reagent filter	-	-	-	-	-	-	0
19-BS5-001	B5C Acid Dip Tube, including reagent filter	-	-	-	-	-	-	0
19-BS5-002	B5C Base Dip Tube, including reagent filter	-	-	-	-	-	-	0
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	-	-	-	-	-	-	1 meter
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	-	-	-	-	-	-	2 meters
10-REH-002	EMPP Tubing, 6.4mm OD x 3.2mm ID - 1 meter	-	-	-	-	-	-	2 meters
10-IVF-118	PFA T fitting	-	-	-	-	-	-	1
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-118	Set of 1x1/8" PTFE Ferrule and PEEK locking ring	-	-	-	-	-	-	5