## Typical Consumable & Wear Parts for 3 Year Operation for 1 Hach BioTector B3500dw TOC Analyzer

| | | Typical Consumable & Wear Parts | | | | | | Recommended / Essential Customer Stock Quantity for Spare Parts |
|---|---|---|---|---|---|---|---|---|
| **Item No** | **Description** | **6 months** | **12 months** | **18 months** | **24 months** | **30 months** | **36 months** | |
| | | **Typical Consumables** | | | | | | |
| 19-KIT-123 | BioTector TOC Analyzer - System C 6 month Service Kit | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| - | Acid 19L, 6.0N $H_2SO_4$, with 350mg/L $MnSO_4.H_2O$ catalyst | See section 6 in BioTector user manual. | | | | | | |
| - | Base 19L, 4.0N NaOH, low in carbonate | | | | | | | |
| | | **Typical Wear Parts** | | | | | | |
| 19-PCB-055 | B5C Motherboard with ARM core, LCD and ribbon cable | - | - | - | - | - | - | 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 |
| 20-CO2-008 | B5C $CO_2$ Analyzer, Hastelloy, 0-10000 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 |