HACH® SERVICE

Service Data Sheet



Hach BioTector B7000

TOC/TN/TP Series Analysers

The BioTector B7000 is a complex instrument requiring regular maintenance to operate at peak performance. Let the Hach Service experts do the work for you, so you can have peace of mind that your investment is protected and the analyser is delivering the accurate measurements you need to make the most efficient and cost-effective decisions for treatment and reuse of important water supplies.

Benefits of Service

- Ensures maintenance is done properly to maximise uptime and extend instrument life
- Ensures critical TOC, TN, and TP measurements are accurate, reliable, and available when you need them
- Hach experts can detect and prevent potential issues that can degrade performance or result in failure
- Eliminates significant time and hassle of performing service and managing maintenance schedules
- Technical support hotline provides rapid and direct resolution and field support when an immediate fix is not possible

Annual Average Maintenance Time: Up to 24 hours
Recommended Maintenance Frequency: 2x / year

Essential Maintenance Tasks Performed

Routine:

- Perform visual inspection
- Inspect critical components, including valves, pumps, ozone generator/destructor, mixer reactor, NDIR CO_2 analyser, and air supply system, to ensure reliability of the measurements
- Replace mechanical parts, tubing, seals, Y-fittings, filters, and ARS sample valve to maximise uptime
- Replace all peristaltic pumps and verify flow rates
- Clean CO_2 optics and ozone line filter
- Clean and calibrate NDIR sensor to ensure accuracy

Advanced:

- Replace parts requiring sensitive handling using calibrated tools
- Perform advanced troubleshooting for any erratic readings or pressure faults
- Produce service report and performance certificate to support quality management and compliance

Parts Replaced During Maintenance

Part #	Description	Qty.	Frequency
19-KIT-117 19-KIT-119	Maintenance Kit, 6-month: TOC/TN Models TOC/TN/TP and TOC/TP Models	1	12 months
19-KIT-118 19-KIT-120	Maintenance Kit, 12-month: TOC/TN Models TOC/TN/TP and TOC/TP Models	1	12 months

Part #	Description	Qty.	Frequency
19-KIT-110	NF300 Pump 6-month kit	1	12 months
19-KIT-111	NF300 Pump 12-month kit	1	12 months
19-MAX-004	Sample pump	3	24 months
19-ASF-006	Reagent Pump (for TP only)	1	24 months
10-EMT-043 10-EMT-004	PEEK ARS Valve: High range Low range	1	24 months

These parts and replacement labour are included with a Hach Service Plan at the recommended frequency as long as the plan is renewed. Certain part quantities are dependent upon instrument model. Coverage is available for on-site repairs.

For more information, visit: ***www.uk.hach.com/service***