



Hach BioTector B7000i

TOC Analyser

The BioTector B7000i 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 TOC measurements you need to optimise your water treatment or product production process.

Benefits of Service

- Ensures maintenance is done properly to maximise uptime and extend instrument life
- Ensures critical TOC 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 18 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 CO₂ 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 CO₂ 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-131 19-KIT-132	Maintenance Kit, B7000i or Maintenance Kit, B7000i Dairy	1	6 months
19-MAX-004 or 19-MAX-104	Sample Pump	1	24 months
10-EMT-089	PEEK ARS Valve	1	24 months
10-EMT-090	PEEK ARS Valve	1	24 months
20-B5C-011	Oxygen Concentrator Valve	1	36 months

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

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