

# BioTector B3500dw TOC Analyzer



## Maximum uptime and reliability for TOC analysis in drinking water applications

The Hach BioTector B3500dw uses patented technology that only requires scheduled maintenance every 6 months and delivers 99.86% uptime ensuring total confidence in your TOC measurement.

### Rock solid reliability

With patented, EPA method approved Two Stage Advanced Oxidation Technology, the self-cleaning sample reactor of B3500dw delivers maximum reliability.

### Lowest cost of ownership

With its 99.86% uptime, semi-annual maintenance and reagent replenishment is all that is needed.

### Secure your source water

TSAO technology analyzes organics in your source that are invisible to scanning UV technologies.

## Technical Data\*

Parameter	TOC (NPOC), TIC, % TOC removal (with 2 streams) and COD, BOD after correlation
Measurement Method	Infrared measurement of CO <sub>2</sub> after oxidation (DIN EN 1484:1997-08, ISO 8245:1999-03, EPA 415.1)
Oxidation Method	Patented Two-Stage Advanced Oxidation Process (TSAO) using Hydroxyl Radicals, Hach Company method 10261 (EPA approved for drinking water)
Range	0 - 25 mg/L C
Cycle Time	From 5.5 minutes, depending on range and application
Communication	Modbus RTU, Modbus TCP/IP & Profibus (when the Profibus option is selected, the digital output signals are sent through the Profibus converter with its specific communication protocol)
Sample Inlet Temperature	0 - 60 °C (32 - 140 °F)
Ambient Temperature	5 - 45 °C (41 - 113 °F)
Particle Size	Up to 100 µm
Power Requirements	115 - 230 VAC; 50/60 Hz
Service Interval	6 month service intervals
Dimensions (H x W x D)	750 x 500 x 320 mm (29.5 x 19.7 x 12.6 in.)
Weight	46 kg (101.4 lb)

\*Subject to change without notice.

## Order Information

### Instruments

<b>DWACAA152AAA2</b>	Hach BioTector B3500dw Online TOC analyzer, 0 - 25 ppm, 1 stream, 120 V AC
<b>DWBCAA152AAA2</b>	Hach BioTector B3500dw Online TOC analyzer, 0 - 25 ppm, 1 stream, 230 V AC
<b>DWACAA152AAC2</b>	Hach BioTector B3500dw Online TOC analyzer, 0 - 25 ppm, 2 stream, 120 V AC
<b>DWBCAA152AAC2</b>	Hach BioTector B3500dw Online TOC analyzer, 0 - 25 ppm, 2 stream, 230 V AC

### Accessories

<b>19-COM-160</b>	BioTector Compressor 115 V / 60 Hz
<b>19-COM-250</b>	BioTector Compressor 230 V / 50 Hz
<b>10-SMC-001</b>	Air supply filter pack
<b>19-KIT-123</b>	Six months spare part kit for BioTector B3500

### Reagents

<b>2038062</b>	BioTector Reagent, 4.0 N NaOH
<b>2038162</b>	BioTector reagent, 6.0 N sulfuric acid with Mn catalyst

Part numbers may vary by country.

Learn More

