



## Hach BioTector B7000 TOC/TN/TP Analyser

**A single analyser for Carbon contamination and Nitrogen/Phosphorus nutrient levels in water**

Contamination levels in water impact treatment and re-use decisions. With data on contamination plus nutrient levels water managers can make the most efficient and cost-effective decisions for treatment and reuse of important water supplies.

- Improve treatment and re-use decisions with accurate and complete water quality
- Reduce costs on nutrient dosing while protecting critical treatment facilities with accurate C:N:P ratios
- Spend more time managing the plant and less time collecting data with a robust, industrially designed online analyser to monitor TOC, TN, and TP parameters
- Detect product loss quickly to save valuable product, and minimise risk of noncompliance by preventing excessive contamination releases to the wastewater treatment plant

The Hach TOC analyser completes a full breakdown of each process sample to deliver trusted results.

### **Improve wastewater treatment process**

Capture changes in water quality with a direct analysis of Total Organic Carbon (contamination), Total Nitrogen and Total Phosphorus in the most challenging samples.

### **Reduce the environmental footprint**

Comprehensive information about your incoming sample composition enables improved process control. Knowing TOC + TN and TP allows you to decrease utilities usage and related costs. Optimised processes will reduce effluent environmental impact and minimise the risks of fines and reputation damage.

### **Protect your WWTP and WWRP**

TOC is commonly used as a fast, reliable water analysis metric for water quality. TOC levels are often correlated to lagging water quality metrics such as Chemical Oxygen Demand (COD) and Biochemical Oxygen Demand (BOD).

### **Superior reliability**

With a certified 99.86% uptime critical process information is available when you need it most. Maintenance in most applications is done 2x per year.

Part Number	Measuring range	Multi-Stream	Parameter	GBP Price
B4RGDF052AECAE2	0 - 500 mg/L C/N/P	<p>Valves for up to 3 streams with up to six 4-20 mA signals</p> <p>The number of available outputs depends on the manual stream configuration.</p>	Direct measurement of TOC, TIC, TC, TN, TP; COD, BOD via correlation; VOC via calculation	Contact Us
B4RDDF052AECAE2	0 - 25 mg/L C/N/P	<p>Valves for up to 3 streams with up to six 4-20 mA signals</p> <p>The number of available outputs depends on the manual stream configuration.</p>	Direct measurement of TOC, TIC, TC, TN, TP; COD, BOD via correlation; VOC via calculation	Contact Us
B4REDF052AECAE2	0 - 50 mg/L C/N/P	<p>Valves for up to 3 streams with up to six 4-20 mA signals</p> <p>The number of available outputs depends on the manual stream configuration.</p>	Direct measurement of TOC, TIC, TC, TN, TP; COD, BOD via correlation; VOC via calculation	Contact Us
B4RFDF052AECAE2	0 - 100 mg/L C/N/P	<p>Valves for up to 3 streams with up to six 4-20 mA signals</p> <p>The number of available outputs depends on the manual stream configuration.</p>	Direct measurement of TOC, TIC, TC, TN, TP; COD, BOD via correlation; VOC via calculation	Contact Us
B4RHDF052AECAE2	0 - 1000 mg/L C/N/P	<p>Valves for up to 3 streams with up to six 4-20 mA signals</p> <p>The number of available outputs depends on the manual stream configuration.</p>	Direct measurement of TOC, TIC, TC, TN, TP; COD, BOD via correlation; VOC via calculation	Contact Us
B4RKDF052AECAE2	0 - 10000 mg/L C/N/P	<p>Valves for up to 3 streams with up to six 4-20 mA signals</p> <p>The number of available outputs depends on the manual stream configuration.</p>	Direct measurement of TOC, TIC, TC, TN, TP; COD, BOD via correlation; VOC via calculation	Contact Us