



Hach BioTector B3500ul Online TOC Analyser, 0-5000 µg/L C, 2 streams, 230 V AC

Kat. číslo produktu: B5FBAA188EAF2

EUR Cena bez DPH:

Kontaktujte nás

Dátum odoslania neuvedené

Precise, low-level TOC measurement that you can trust

Changes in water quality for ultra pure applications are disruptive to plant operations. Accurate, on-line analysis is important to protect critical equipment that depends on ultra pure water resources. Leading manufacturers know that it is critical to analyse for contaminants precisely at ppb levels to maintain water quality. Reliability and effective oxidation of large samples ensures that manufacturers can trust the results reported by the BioTector B3500ul analyser. With a full picture of organic contaminants in critical water applications manufacturers make water treatment decisions more efficiently.

The Hach BioTector B3500ul provides reliable and accurate TOC analysis at ppb levels for ultrapure water applications. The unique two stage advanced oxidation technology behind the BioTector thoroughly, and reliably oxidises samples for valuable real-time water analysis.

Many additional versions available on request.

Maximum uptime for your process

With uptime certified at 99.86% and two short, scheduled maintenance events per year, you will not be missing critical process information when you need it the most.

Instant and long term savings

Reduce the costs related to water re-treatment, and save on operational expenses. On-line TOC analysis enables maximum water reuse and keeps critical water resources at their best to maximise the lifetime of high-value capital equipment.

Technické údaje

Displej: LCD (podsvietený):	High contrast 40 character x 16 line backlit LCD with LED backlight
Doba cyklu :	TOC from 5 minutes, depending on application
Eexp / Nebezpečné miesto:	Certification options are available to European Standards, (ATEX Zone 1, Zone 2), North American Standards (Class I Division 2) and IECEx Zone 1
Hmotnosť:	50 kg
Hranica kvantifikácie:	80 µg/L
Interferencie:	Interference TIC: při 500 µg/L TIC (jako bikarbonát) může nastat 2 % přenos do TOC.
Jazyk užívateľského rozhrania:	Slovak
Kalibrácia:	Pro lepší výkon při kalibraci je nutná ultračistá voda (18,2 MΩ*cm, < 5 µg/L TOC).
Komunikace: digitální :	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)

	Except for Zone 1 certification then Modbus RTU, Modbus TCP/IP & Modbus TCP/IP Redundant is available
Metóda merania:	Infrared measurement of CO ₂ after oxidation
Multi-Stream:	Up to 2 process streams and grab sample
Opakovateľnosť:	± 2 % of reading or ± 6 µg/L C, whichever is greater
Oxidační metoda:	Unique Two-Stage Advanced Oxidation Process (TSAO) using Hydroxyl Radicals
Parameter:	TOC, TIC, TC, VOC, after correlation COD, BOD
Počet kanálov:	2
Počet prúdov:	Dvojprúdový
Požiadavky na napájanie (Hz):	50 Hz
Požiadavky na napájanie (V):	230 V AC
Presnosť:	2 % naměřené hodnoty nebo ±15 µg/L, vyšší hodnota
Rozsah merania:	0 - 5000 µg/L C
Rozsah pH:	pH 1-12
Servisný interval:	6 months service intervals
Teplota prostredia:	5 - 45 °C
	Aby byl zajištěn co nejlepší výkon, musí být okolní teplota ±3 °C nebo bližší.
	Možnosti chlazení a ohřevu jsou k dispozici.
Teplota vzorky na vstupe:	2 - 60 °C
Trieda ochrany:	IP44, standard fan cooled, maximum ambient temperature 45 °C
	IP54, air cooled, maximum ambient temperature 35 °C
	IP54, vortex cooled, maximum ambient temperature 50 °C
Ukladanie dát:	Previous 9999 analysis data on screen in the microcontroller memory and storage of data archive for the lifetime of the analyser in the SD/MMC card.
	Previous 99 fault data on screen in the microcontroller memory and storage of fault data archive for the lifetime of the analyser in the SD/MMC card.
Užívateľské rozhranie:	Microcontroller with membrane keyboard
Velikost částic:	Up to 100 µm
Vlhkosť:	5 - 85 % (nekondenzující)
Výstup:	Includes three 4-20mA outputs enabled as standard
Záruka:	12 mesiacov
Zdroj napájania:	TOC/TIC ul - 230V, 50/60Hz