



Hach BioTector B3500s Online TOC analyser, 0 - 100 mg/L C, 1 stream, 230 V AC

Kat. číslo produktu: B5BFAA188AACS

EUR Cena bez DPH:

Kontaktujte nás

Dátum odoslania neuvedené

Effluent TOC monitoring made easy

Semi-annual reagent replacement and seamless integration with the Hach sample homogenisation unit make the B3500s the easiest solution for regulatory TOC monitoring in municipal wastewater.

The BioTector B3500s offers a simple off-the-shelf continuous TOC monitoring solution for municipal wastewater effluent applications. The B3500s seamlessly integrates with the Hach Sigmatax 2 sample homogenisation unit allowing compliance monitoring for TOC Norm ISO-CEN EN 1484.

BioTector B3500s uses unique Two Stage, Advanced Oxidation Technology providing maximum reliability and uptime, without sacrificing accuracy. Further, the analyser only requires basic preventative maintenance semi-annually. The extremely high uptime and low maintenance allow plants to focus on other priorities.

Many additional versions available on request.

Easy sample homogeniser integration

Designed to communicate with the Hach Sigmatax 2 sample homogeniser, the system provides an off-the-shelf solution to meet TOC effluent monitoring regulations.

Extended reagent and maintenance intervals

Every six months reagent replenishment, semi-annual calibration and basic preventative maintenance allows you to focus on what matters most.

Worry-free TOC

With innovative two stage, advanced oxidation technology, the B3500s provides you with reliability and uptime, without sacrificing accuracy.

Reagent costs that don't kill the bottom line

By only needing to replenish reagents every six months, you will see direct bottom line savings in comparison to other systems requiring bi-weekly or monthly replacements.

Technické údaje

Displej: LCD (podsvietený):

High contrast 40 character x 16 line backlit LCD with LED backlight

Doba cyklu :

From 5.5 minutes, depending on range and application

Hmotnosť:

46 kg

Jazyk užívateľského rozhrania:

Slovak

Komunikace: digitálný :

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)

Metóda merania:	Infrared Measurement of CO ₂ after Oxidation (DIN EN 1484:1997-08, ISO 8245:1999-03, EPA 415.1)
Multi-Stream:	1 process stream, 1 grab sample
Obsah balenia:	Includes: B3500s analyser, Tubing, Fuses, Ferrules, Drain, Acid & Base Dip Tubes, CO ₂ Filter & B3500s User Manual
Odber vzorky:	Yes
Opakovateľnosť:	0 - 25 mg/L C: ±3% of reading or ±0.03 mg/L, whichever is greater; Lower limit of detection LOD = 0.06 mg/L Exceedance tracking 0 - 100 mg/L C: ±5% of reading or ±0.5 mg/L, whichever is greater
Oxidační metoda:	Innovative Two-Stage Advanced Oxidation Process (TSAO) using Hydroxyl Radicals
Parameter:	Direct measurement of Total Organic Carbon, Total Inorganic Carbon, Total Carbon Chemical Oxygen Demand, Biological Oxygen Demand via correlation Volatile Organic Carbon via calculation (B3500s VOC mode is not available in combination with Sigmatax)
Počet kanálov:	1
Počet prúdov:	Jednoprúdový
Požiadavky na napájanie (Hz):	50 Hz
Požiadavky na napájanie (V):	230 V AC
Rozsah merania:	0-100 mg/L C (ppm)
Servisný interval:	6 month service intervals
Sledování překročení:	Full exceedance tracking up to 100 mg/L C
Teplota prostredia:	5 - 45 °C
Teplota vzorky na vstupe:	0 - 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 reaction data
Užívateľské rozhranie:	Microcontroller with membrane keyboard
Velikost částic:	Up to 100 µm
Vlhkosť:	5 - 85 % (nekondenzující)
Voľba rozsahu:	Automatic or manual range selection
Výstup:	Two 4-20 mA outputs preconfigured
Záruka:	12 mesiacov
Zdroj napájania:	230 Volt, 50/60Hz

Obsah balenia

Includes: B3500s analyser, Tubing, Fuses, Ferrules, Drain, Acid & Base Dip Tubes, CO₂ Filter & B3500s User Manual