



## EZ7103 全有機炭素 (TOC) アナライザー、1流路、Modbus RS485

Product #: EZ7103.990B1C02

JPY #格: お問い合わせ

### Online, automatic TOC or TC monitoring for wastewater and surface water applications

Proprietary discontinuous analysis

The EZ7100 Series are designed to run a discontinuous analysis on Total Organic Carbon or Total Carbon levels, reducing significantly reagent consumption but also overall maintenance costs. Additionally a rinsing or cleaning cycle can be introduced to eliminate cross-contamination and fouling.

Smart features and reduced calibration intervals

In the controller-database software, all necessary smart automatic features are already embedded: auto-calibration, auto-validation, auto-cleaning and auto-priming. In order to assure optimal analytical performance, it is recommended to calibrate the EZ7100 Series monthly or quarterly simply by starting the calibration sequence via the panel PC.

The mainframe of the EZ 7100 Series is a compact and straightforward design running a hot UV/persulphate destruction for determination of organic purity in various water applications, with the following distinctive features:

- Options for TOC or TC analysis
- Discontinuous analysis with programmable frequency
- Smart automatic features
- Control and communication via industrial panel PC
- Standard 4 - 20 mA signal output with alarm processing
- Communication ports supporting connectivity to Modbus
- Multiple 流路 analysis

There are many additional options available. Please contact Hach for more details.

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### 仕#

Cooling water:	Flow rate approx. 5 L/h; temperature max. 30 °C; pressure max. 0.5 bar
Digital outputs:	Modbus RS485
Drain:	大##、ベント、最低 Ø 64 mm
Earth connection:	低インピーダンス (< 1 Ohm) の乾燥した汚れていないアースポールへアースケーブル > 2.5 mm <sup>2</sup> を使用

Instrument air:	計#用エアに#する ISA-S7.0.01-1996 品質基準に準#した乾燥したオイルフリーエア
Number of sample streams:	1 流路
	Optional:
	1 to 8 流路s
Reagent requirements:	10 ~ 30 °C を維持
Validation:	自動、頻度は自由にプログラム可能
アラーム:	1 x 不具合、4 x ユーザー設定可能、最大 24 VDC/0.5 A、ポテンシャルフリー接点
サンプル#力:	外部のオーバーフロー容器から
サンプル流量:	100 ~ 300 mL/分
サンプル#度:	10 ~ 30 °C
保#:	1 年
保護クラス:	分析計のキャビネット: IP55/パネル PC: IP65
出力:	Modbus RS485
	Optional:
	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs
	RS232, Modbus TCP/IP
原材料:	ヒンジ部: 熱成形 ABS、ドア: プレキシガラス
	壁部: #鉛メッキ鋼、紛#塗#
周##度:	相##度 5 ~ 95 % で 10 ~ 30 °C 偏差 ± 4 °C (結露なきこと)
妨害物質:	Chloride > 1 g/L affects oxidation efficiency. Volatile organic compounds evaporate in the TOC configuration. Fats, oil, proteins, surfactants and tar.
寸法:	690 mm x 465 mm x 330 mm
校正:	自動、2 ポイント、頻度は自由にプログラム可能
#出下限 (LOD) :	≤ 250 µg/L (range 0 - 10 mg/L)
測定周期:	15 - 30 minutes, depending on range; frequency freely programmable
測定方法:	Hot UV/persulphate method, conform with ISO 8245, USEPA 415.2, ASTM D4839-03 and DIN-EN 1484
測定範#:	0 - 1,000 mg/L C
	Optional:
	0 - 250 mg/L
	0 - 500 mg/L
測定項目:	TOC (Total Organic Carbon)
精度:	標準試#でフルスケールレンジの 2 % 以#
認#:	CE 準#/UL 認定
質量:	25 kg
電源:	110 VAC, 60 Hz