



Be Right™



EZ6208 Total Zinc Analyser, 1 stream, Modbus RS485

Številka izdelka: EZ6208.990A1C02

EUR Cena: Kontakt

Pokliči za datum odpreme

Trace metal analysis of Total Zinc in water by online voltammetry

About the 6000 Series

The EZ6000 Series of Online Trace Metal Analysers are based on the technology of stripping voltammetry, a sensitive analytical technique that can be automated for the determination of trace levels of metals in water. For many metals the EZ6000 Series boasts limits of quantification in the low ppb range, comparing the technique favorably with AAS or ICP analysis.

Single, multiple and total parameter configurations

Several product sublines with a wealth of combinations are available for determination of trace metals, including the standard single parameter and multi-parameter configurations without digestion. Measurement of complexed or adsorbed metals is possible by means of the configurations with built-in digester. Combinations of metals depend on the choice of working electrode and the priority metals for your application.

Advanced features

The EZ6000 Series build upon tried and tested voltammetry technology used in many clean water applications, in an industrial mainframe with the following prime features:

- Excellent selectivity and sensitivity
- Built-in sample digestion unit (hot acid or UV)
- Smart automatic features
- Standard 4 - 20 mA signal output with alarm processing
- Communication ports supporting connectivity to Modbus
- Higher measuring ranges: internal sample dilution
- Multiple stream analysis

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

Specifikacije

Alarm: 1 x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts

Avtomatsko čiščenje:	Da
Certificiranje:	CE compliant / UL certified
Cooling water:	Flow rate approx. 5 L/h; temperature max. 30 °C; pressure max. 0.5 bar
Demineralised water:	For rinsing
Digital outputs:	Modbus RS485
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm ²
Garancija:	2 leti
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Interference :	Copper (II) > 100 µg/L, organic matter may interfere. Fats, oil, proteins, surfactants and tar.
Izhod:	Modbus RS485

Optional:

Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs

RS232, Modbus TCP/IP

Kakovost vzorca: Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU

Kiveta za vzorec: 20 minutes (dilution + 5 min.)

Material: Hinged part: Thermoform ABS, door: plexiglass

Wall section: Galvanised steel, powder coated

Meja zaznavanja: ≤ 10 µg/L

Merilna metoda: Stripping voltammetry using carbon electrode

Merilno območje: 10 - 100 µg/L Zn

Moč: 220 - 240 VAC, 4 A, 50/60 Hz, max. power consumption 440 VA

Odvod: Atmospheric pressure, vented, min. Ø 64 mm

Parameter: Zinc, total

Precision: Better than 5% full scale range for standard test solutions

Pretok vzorca: 100 - 300 mL/min

Razred zaščite: Analyser cabinet: IP55 / Panel PC: IP65

Reagent Requirements: Keep between 10 - 30 °C

Št. vzorca: 1 stream

Optional:

1 to 6 streams

Temperatura okolja: 10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)

Temperatura vzorca: 10 - 30 °C

Teža: 25 kg

Umeritev: Automatic, 2-point; frequency freely programmable

Validation: Automatic; frequency freely programmable

Vzorec: tlak: By external overflow vessel