



Be Right™



EZ6200 Total Arsenic Analyser

Termékszám:

EZ6200.XXXXXXXX

HUF Ár (nettó):

Elérhetőségünk

Trace metal analysis of Total Arsenic 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.

Műszaki adatok

A doboz tartalma:

EZ6200 Arsenic Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x Reference Electrode (Ag/AgCl), 1 x Working Electrode - Gold, 1 x Counter Electrode, 2 x empty 2.5L Reagent Containers with Fittings (Buffer & HNO₃ Solution) and 1 x empty 5L Reagent Container with Fittings (H₂SO₄ Solution) and 2 x empty 1L Reagent Containers with Fittings (Reference Blank & Reference As Solution)

Analóg kimenetek:

Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)

Anyag:

Wall section: Galvanised steel, powder coated

Automatikus tisztítás:

Igen

Cooling water:

Flow rate approx. 5 L/h; temperature max. 30 °C; pressure max. 0.5 bar

Demineralised water:

For rinsing / dilution

Detektálási határ:

≤ 1 µg/L

Digitális kimenetek:

Optional: Modbus (TCP/IP, RS485)

Earth connection:

Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm²

Garancia:

24 hónap

Instrument air:

Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air

Interferenciák:

Iodide, organic matter, copper Cu(II) > 30 µg/L, iron Fe(III) > 20 mg/L, various metals in mg/L levels may interfere. Fats, oil, proteins, surfactants and tar.

Kalibrálás:

Automatic, 2-point; frequency freely programmable

Környezeti hőmérséklet:

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

Lefolyócső:

Atmospheric pressure, vented, min. Ø 32 mm

Mérés módszer:

Stripping voltammetry using gold electrode

Méréstartomány:

1 - 20 µg/L As

Optional:

5 - 80 µg/L (with internal dilution)

10 - 200 µg/L (with internal dilution)

20 - 400 µg/L (with internal dilution)

Méretek (MxSzxm):

690 mm x 465 mm x 330 mm

Minta hőmérséklet:

10 - 30 °C

Minta minőség:

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

Minta: nyomás:

By external overflow vessel

Mintaáram:

100 - 300 mL/min

Mintacellák:

20 minutes (dilution + 5 min.)

Mintautak száma:

1, 2, or 4

Paraméter:

Arsenic, total

Pontosság:

Better than 5% full scale range for standard test solutions

Reagent Requirements:

Keep between 10 - 30 °C

Riasztás:

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

Súly:

25 kg

Tanúsítványok:

CE compliant / ETL certified

Teljesítmény:

230 VAC, 50/60 Hz

120 VAC, 50/60 Hz

Max. power consumption: 440 VA

Típus: EZ6200
Validation: Automatic; frequency freely programmable
Védeeltségi osztály: Analyser cabinet: IP44 / Panel PC: IP65

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