



Be Right™



EZ6100 Arsenic As(III) + Mercury Hg(II) Analyser, 1 stream, Modbus RS485

Proizvod #: EZ6100.99001C02

HRK Cijena: Kontaktirajte nas

Poziv za datum slanja

Trace metal analysis of dissolved Mercury Hg(II) + dissolved Arsenic As(III) 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

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

Broj uzoraka:	1 stream
	Optional:
	1 to 6 streams
Certificiranja:	CE compliant / UL certified
Cooling water:	Not required
Demineralised water:	For rinsing and/or dilution
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 godine
Granica detekcije:	≤ 1 µg/L
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Interferencija :	Iodide, organic matter, various metals in mg/L levels may interfere. Fats, oil, proteins, surfactants and tar.
Izlaz :	Modbus RS485
	Optional:
	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs
	RS232, Modbus TCP/IP
Kalibracija:	Automatic, 2-point; frequency freely programmable
Kivete:	10 minutes (dilution + 5 min.)
Klasa zaštite:	Analyser cabinet: IP55 / Panel PC: IP65
Kvaliteta uzorka:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Masa:	25 kg
Materijal:	Hinged part: Thermoform ABS, door: plexiglass
	Wall section: Galvanised steel, powder coated
Mjerna metoda:	Stripping voltammetry using gold electrode
Mjerni rang:	1 - 20 µg/L As(III), 1 - 20 µg/L Hg(II)
Napajanje:	110 - 240 VAC, 4 A, 50/60 Hz, max. power consumption 150 VA
Odvod:	Atmospheric pressure, vented, min. Ø 64 mm
Parametar:	Arsenic, dissolved As(III); Mercury, dissolved Hg(II)
Precision:	Better than 5% full scale range for standard test solutions
Protok uzorka:	100 - 300 mL/min
Reagent Requirements:	Keep between 10 - 30 °C
Temperatura prostora:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Temperatura uzorka:	10 - 30 °C
Uzorak: tlak:	By external overflow vessel
Validation:	Automatic; frequency freely programmable