EZ1302 Iron Analyser Fe(II), Fe(II+III), 1 stream, Modbus RS485

Proizvod #: **EZ1302.99001C02**

HRK Cijena: Kontaktirajte nas
Poziv za datum slanja

Online colorimetric analysis of total dissolved Iron Fe(II+III) and Iron Fe(II) in water

EZ1000 Iron Analysers achieve excellent precision and accuracy. At the heart of the colorimeter there is a compact photometer assembly developed especially for the EZ Series. Consumption of reagents is reduced by low volume analysis, yet high sensitivity is assured by a long optical path length. The limit of detection is in the low µg/L range.

Results you can rely on

Smart automatic features for calibration, validation, priming and cleaning are embedded in the controller software and contribute to analytical performance, maximised uptime and negligible operator invervention. Precision micropumps dose all reagents. Sample lines and analysis vessel are cleaned with demineralised water to eliminate cross contamination between samples. Electronic and wet-chemical part of the analyser are strictly separated. A transparent door allows for instant visual inspection of the wet part.

Flexibility that meets your needs

EZ Series Iron Analysers come in an attractive, ergonomic mainframe with a compact footprint. All hardware is controlled by the integrated industrial panel PC. The modular build allows for the analyser to match your application and operational needs.

- The standard measuring range can be narrowed by a different calibration range or extended via internal dilution options.

- Analogue and digital output options

- Multiple stream analysis for up to 8 sample streams

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 8 streams
Certificiranja:	CE compliant / UL certified
Digital outputs:	Modbus RS485

Dimenzije (V x Š x D):	690 mm x 465 mm x 330 mm
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:	≤ 2 µg/L
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Interferencija :	Metal ions like Lead > 10 mg/L, Zinc > 2 mg/L, Nickel > 2 mg/L, Iron > 5 mg/L, Copper > 5 mg/L. Strong oxidising agents, Cyanide, Nitrite, Phosphate (polyphosphate more than orthophosphate), Chromium, Zinc in concentrations exceeding 10 times that of Iron. Bismuth, Cadmium, Mercury, Molybdate, and Silver precipitate Phenanthroline. Polyphosphate must be absent. Large amounts of colour and turbidity interfere. Fats, pil, 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 min Fe(II), Fe total dissolved (dilution + 5 min.)
	15 min all combined parameters
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:	Colorimetric measurement using TPTZ colour solution, conform with APHA 3500-Fe (B)
Mjerni rang:	0.01 - 1 mg/L Fe(II)
	Optional:
	0.002 - 0.1 mg/L
	0.005 - 0.25 mg/L
	0.005 - 0.5 mg/L
	0.08 - 4 mg/L (with internal dilution)
	0.16 - 8 mg/L (with internal dilution)
	2 - 100 mg/L (with internal dilution)
Napajanje:	110 - 220 VAC, 2 A, 50/60Hz
	Max. power consumption: 150 VA
	Other voltages available on request
Odvod:	Atmospheric pressure, vented, min. Ø 64 mm
Parametar:	Iron Fe(II), dissolved; Fe(II+III), total dissolved
Precision:	Better than 2% 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