



EZ4032 Sulphide Analyser

Nr. produs: EZ4032.XXXXXXXXXX
RON Preț (fără TVA): Contact

Online, automatic titration of Sulphide in water

State of the art titration platform

The EZ4000 Series Analysers are single-parameter titrators built on an industrial analytical platform. High precision dispensers, robust peristaltic pumps and carefully designed liquid pathways all add up to the highest performance for industrial and environmental analysis needs.

Unique flexibility in titration methods

Every application starts with the basics: the right titrimetric technique for the parameter of interest, the measuring range and the water matrix. Depending on the change in the specific variables, the EZ4000 Series run either acid-base, redox, precipitation or photolorimetric titration allowing for a unique flexibility.

The EZ4000 Series Sulphide Analysers use precipitation titration. They combine unparalleled expertise in online titration with a set of unique analysis, control and communication features in a compact footprint:

- Wide standard measuring range
- Smart automatic features
- Control and communication via industrial panel PC
- Analogue and digital output options
- Multiple stream analysis (up to 8 streams)

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

Specificații

Alarma:	1 x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Alimentare electrică:	100 - 240 VAC, 50/60 Hz
Calibrare:	N.A.
Calitate proba:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Certificări:	CE compliant / UL certified
Clasa de protecție:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65

Conținutul cutiei:	EZ4032 Sulphide Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x Pt Redox Electrode, S7 Connection, 2 x empty 10L Reagent Containers (for Buffer & Na ₂ S ₂ O ₃ Solution) and 1 x empty 10L Reagent Dark Container with Fittings (for I ₂ Solution)
Cuve:	10 - 15 minutes
Debitul probei:	100 - 300 mL/min
Demineralised water:	For rinsing / dilution
Digital outputs:	Optional: Modbus (TCP/IP, RS485)
Dimensiuni (Înălțime x Lățime x Adâncime):	690 mm x 465 mm x 330 mm
Domeniu de măsurare:	20 - 1000 mg/L S ²⁻
	Optional:
	2 - 100 mg/L
	5 - 250 mg/L
	10 - 500 mg/L
	Internal dispenser dilution (max. factor 100)
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm ²
Esantion: presiune:	By external overflow vessel
Garanție:	24 luni
Greutate:	25 kg
Iesiri analogice:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Interferente:	Oxidised forms of manganese interfere. Strong oxidising agents such as chlorine, bromine, chlorine dioxide, iodine, permanganate, hydrogen peroxide and ozone. However reduced forms of these components – bromide, chloride, iodide, manganous ion and oxygen – do not interfere. Reducing agents such as organic sulphites also interfere. Fats, oil, proteins, surfactants and tar.
Limita de detecție:	≤ 2 mg/L
Material:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Metoda de măsurare:	Precipitation titration with iodine, conform with standard method APHA 4500-S2 (F)
Nr. flux probe :	1, 2, 4 or 8
Parametru:	Sulphide
Precizie:	Better than 2% full scale range for standard test solutions
Putere:	100 - 240 VAC, 50/60 Hz
	Max. power consumption: 120 VA
Reagent Requirements:	Keep between 10 - 30 °C
Scurgere:	Atmospheric pressure, vented, min. Ø 32 mm
Temperatura ambiantă:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Temperatura probă:	10 - 30 °C
Validation:	Automatic; frequency freely programmable

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