



EZ4032 Sulphide Analyser

Kat. číslo produktu: **EZ4032.XXXXXXXXXX**
CZK Cena bez DPH: Kontaktujte nás

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.

Technické údaje

Alarm:	1 x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Analogové výstupy:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Certifikace:	CE compliant / UL certified
Demineralised water:	For rinsing / dilution
Digitální výstupy:	Optional: Modbus (TCP/IP, RS485)
Doba cyklu :	10 - 15 minutes

Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm ²
Hmotnost:	25 kg
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Interference :	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.
Jaký je obsah balení:	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)
Kalibrace:	N.A.
Materiál:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Metoda měření:	Precipitation titration with iodine, conform with standard method APHA 4500-S2 (F)
Mez detekce:	≤ 2 mg/L
Napájení:	100 - 240 VAC, 50/60 Hz
	Max. power consumption: 120 VA
Odtok:	Atmospheric pressure, vented, min. Ø 32 mm
Okolní teplota:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Parametr:	Sulphide
Počet proudů vzorku:	1, 2, 4 or 8
Požadavky na vzorek:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Přesnost:	Better than 2% full scale range for standard test solutions
Průtoková rychlost:	100 - 300 mL/min
Reagent Requirements:	Keep between 10 - 30 °C
Rozměry (V x Š x H):	690 mm x 465 mm x 330 mm
Rozsah měření:	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)
Teplota vzorku:	10 - 30 °C
Tlak vzorku:	By external overflow vessel
Třída ochrany:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65
Validation:	Automatic; frequency freely programmable
Záruka:	24 měsíců
Zdroj napájení:	100 - 240 VAC, 50/60 Hz

Jaký je obsah balení

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 & $\text{Na}_2\text{S}_2\text{O}_3$ Solution) and 1 x empty 10L Reagent Dark Container with Fittings (for I_2 Solution)