



EZ4032 Sulphide Analyser

Ürün Numarası: EZ4032.XXXXXXXXXX
TRY Fiyat: Bize Ulaşın

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.

Teknik özellikler

Ağırlık:	25 kg
Akış Hızı:	100 - 300 mL/min
Alarm :	1 x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Analog çıkışlar:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Boyut (Y x G x D):	690 mm x 465 mm x 330 mm
Cihaz havası:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air

Demineralize su:	For rinsing / dilution
Dijital çıkışlar:	Optional: Modbus (TCP/IP, RS485)
Doğrulama:	Automatic; frequency freely programmable
Doğruluk:	Better than 2% full scale range for standard test solutions
Drenaj:	Atmospheric pressure, vented, min. Ø 32 mm
Enerji:	100 - 240 VAC, 50/60 Hz
	Max. power consumption: 120 VA
Garanti:	24 aylar
Girişimler:	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.
Güç kaynağı:	100 - 240 VAC, 50/60 Hz
Kalibrasyon:	N.A.
Koruma sınıfı:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65
Kutudakiler:	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)
Malzeme:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Numune akışı sayısı:	1, 2, 4 or 8
Numune basıncı:	By external overflow vessel
Numune kalitesi:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Numune sıcaklığı:	10 - 30 °C
Ölçüm aralığı:	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)
Ölçüm metodu:	Precipitation titration with iodine, conform with standard method APHA 4500-S2 (F)
Ölçüm süresi:	10 - 15 minutes
Ortam sıcaklığı:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Parametre:	Sulphide
Reaktif gereksinimi:	Keep between 10 - 30 °C
Saptama limiti:	≤ 2 mg/L
Sertifikalar:	CE compliant / UL certified
Toprak bağlantısı:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm²

Kutudakiler

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)