



EZ3018 Sulphide Analyser

Ürün Numarası: **EZ3018.XXXXXXXXXX**
TRY Fiyat: **Bize Ulaşın**

Online ion-selective Sulphide measurements in industrial and environmental applications

ISE technology for optimal analytical performance

With limited maintenance requirements and reduced reagent consumption, the EZ3000 Series are the ideal choice for a wide range of water monitoring applications where ion-selective electrodes are the preferred analytical technique. Outstanding precision and stability is guaranteed by the temperaturecontrolled measurement.

Direct, discontinuous ISE method

Contrary to separate electrodes or other analysers in the market, the EZ3000 Series does not run a continuous measurement. The principle of discontinuous ISE analysis not only enhances control over conversion of ion activity to electric potential, it also eliminates risk of cross-contamination between cycles and reduces overall consumption of reagents.

The EZ3000 Series combine unique ISE technology with a set of analysis, control and communication features in an industrial analyser mainframe with designed for the highest performance:

- Automatic direct ion-selective measurements
- Smart automatic features
- Control and communication via industrial panel PC
- Standard 4 - 20 mA signal output with alarm processing
- Communication ports supporting connectivity to Modbus
- Multiple stream analysis
- Reduced reagent consumption

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

Teknik özellikler

Ağırlık:	25 kg
Akış Hızı:	100 - 300 mL/min
Alarm :	1x malfunctioning, 4x 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
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:	Silver and mercury have very high interference and can only be tolerated in very low concentrations relative to the sulphide - ideally they should be absent. Fats, oil, proteins, surfactants and tar.
Güç kaynağı:	100 - 240 VAC, 50/60 Hz
Kalibrasyon:	Automatic, 2-point; frequency freely programmable
Koruma sınıfı:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65
Kutudakiler:	EZ3018 Sulphide Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x ISE Sulphide electrode and 1 x empty 2.5 Glass Container with Fittings (for Buffer Solution)
Malzeme:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Model:	EZ3018
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:	10 - 100 mg/L S ²⁻
	Optional:
	2.5 - 25 mg/L S ²⁻
	5 - 50 mg/L S ²⁻
Ölçüm metodu:	Discontinuous, direct measurement by combined ion-selective electrode, conform with standard method ASTM D4658-15
Ölçüm süresi:	5 minutes
Ortam sıcaklığı:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Otomatik temizleme:	Evet
Parametre:	Sulphide
Reaktif gereksinimi:	Keep between 10 - 30 °C
Saptama limiti:	≤ 2.5 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 mm ²

Kutudakiler

EZ3018 Sulphide Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x ISE Sulphide electrode and 1 x empty 2.5 Glass Container with Fittings (for Buffer Solution)