



EZ3018 Sulphide Analyser

Številka izdelka: **EZ3018.XXXXXXXX**
EUR Cena: Kontakt

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 temperature-controlled 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.

Specifikacije

Alarm:	1x malfunctioning, 4x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Analogni izhodi:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Avtomatsko čiščenje:	Da

Certificiranje:	CE compliant / UL certified
Demineralised water:	For rinsing
Digital outputs:	Optional: Modbus (TCP/IP, RS485)
Dimenzija (v x š x g):	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:	24 mesecev
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Interference :	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.
Kakovost vzorca:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Kiveta za vzorec:	5 minutes
Material:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Meja zaznavanja:	≤ 2.5 mg/L
Merilna metoda:	Discontinuous, direct measurement by combined ion-selective electrode, conform with standard method ASTM D4658-15
Merilno območje:	10 - 100 mg/L S ²⁻
	Optional:
	2.5 - 25 mg/L S ²⁻
	5 - 50 mg/L S ²⁻
Moč:	100 - 240 VAC, 50/60 Hz
	Max. power consumption: 120 VA
Model:	EZ3018
Način premora:	100 - 240 VAC, 50/60 Hz
Odvod:	Atmospheric pressure, vented, min. Ø 32 mm
Parameter:	Sulphide
Precision:	Better than 2% full scale range for standard test solutions
Pretok vzorca:	100 - 300 mL/min
Razred zaščite:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65
Reagent Requirements:	Keep between 10 - 30 °C
Št. vzorca:	1, 2, 4 or 8
Temperatura okolja:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Temperatura vzorca:	10 - 30 °C
Teža:	25 kg
Umeritev:	Automatic, 2-point; frequency freely programmable
Validation:	Automatic; frequency freely programmable
Vsebina paketa:	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)
Vzorec tlak:	By external overflow vessel

Vsebina paketa

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)