



EZ3508 Fluoride Analyser

Kat. číslo produktu: EZ3508.XXXXXXXXXX
EUR Cena bez DPH: Kontaktujte nás

Online ion-selective Fluoride measurements with standard addition for industrial applications

ISE technology for complex water matrices

The EZ3500 Series are used for water monitoring applications where ion-selective electrodes are the preferred analytical technique, but the water matrix is complex. Standard addition helps minimise matrix interferences that otherwise might contribute to the output signal of the electrode.

Discontinuous, automatic standard addition

The EZ3500 Series run discontinuous measurements with careful addition of a known standard in an analysis vessel. Discontinuous ISE analysis enhances control over the potentiometry, eliminates cross-contamination between cycles and reduces overall reagent consumption.

The EZ3500 Series combine unique technology with a set of analysis, control and communication features in an industrial analyser mainframe designed for the highest performance:

- 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:	1x malfunctioning, 4x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Analógové výstupy:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Automatické čistenie:	Áno
Č. prúdov vzoriek:	1, 2, 4 or 8
Certifikácia:	CE compliant / UL certified
Demineralised water:	For rinsing
Detekčný limit:	≤ 1 mg/L
Digitálne výstupy:	Optional: Modbus (TCP/IP, RS485)

Doba cyklu :	8 minutes
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm ²
Hmotnosť:	25 kg
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Interferencie:	Metal ions like aluminium > 72 mg/L, calcium > 108 mg/L and iron > 150 mg/L. Fats, oil, proteins, surfactants and tar.
Kalibrácia:	Automatic, 2-point; frequency freely programmable
Kvalita vzorky:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Materiál:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Metóda merania:	Discontinuous measurement by combined ion-selective electrode with standard addition
Model:	EZ3508
Napájanie:	100 - 240 VAC, 50/60 Hz
	Max. power consumption: 120 VA
Obsah balenia:	EZ3508 Fluoride Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x ISE Electrode, 1 x empty 5L Reagent Container with Fittings (for F Standard Solution) and 1 x empty 10L Reagent Container with Fittings (for Buffer Solution)
Odtok:	Atmospheric pressure, vented, min. Ø 32 mm
Parameter:	Fluoride
Presnosť:	Better than 2% full scale range for standard test solutions
Reagent Requirements:	Keep between 10 - 30 °C
Rozmery (V x Š x H):	690 mm x 465 mm x 330 mm
Rozsah merania:	5 - 100 mg/L F ⁻
	Optional:
	1 - 25 mg/L F ⁻
	2.5 - 50 mg/L F ⁻
Rýchlosť prietoku vzorky:	100 - 300 mL/min
Teplota prostredia:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Teplota vzorky:	10 - 30 °C
Trieda ochrany:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65
Validation:	Automatic; frequency freely programmable
Vzorka: tlak:	By external overflow vessel
Záruka:	24 mesiacov
Zdroj napájania:	100 - 240 VAC, 50/60 Hz

Obsah balenia

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