



EZ3507 Fluoride Analyser

Proizvod #: EZ3507.XXXXXXXXXX
EUR Cijena: Kontaktirajte nas

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.

Specifikacije

Alarma:	1x malfunctioning, 4x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Analogni izlazi:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Automatsko čišćenje:	Da
Broj uzoraka:	1, 2, 4 or 8
Certificiranja:	CE compliant / UL certified
Demineralised water:	For rinsing
Digital outputs:	Optional: Modbus (TCP/IP, RS485)
Dimenzije (V x Š x D):	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 mjeseci
Granica detekcije:	≤ 0.1 mg/L
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Interferencija :	Metal ions like aluminium > 72 mg/L, calcium > 108 mg/L and iron > 150 mg/L. Fats, oil, proteins, surfactants and tar.
Kalibracija:	Automatic, 2-point; frequency freely programmable
Kivete:	8 minutes
Klasa zaštite:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65
Kvaliteta uzorka:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Masa:	25 kg
Materijal:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Mjerna metoda:	Discontinuous measurement by combined ion-selective electrode with standard addition
Mjerni rang:	0.5 - 10 mg/L F ⁻
	Optional:
	0.1 - 2.5 mg/L F ⁻
	0.25 - 5 mg/L F ⁻
Model:	EZ3507
Napajanje:	100 - 240 VAC, 50/60 Hz
	Max. power consumption: 120 VA
Odvod:	Atmospheric pressure, vented, min. Ø 32 mm
Parametar:	Fluoride
Pauza:	100 - 240 VAC, 50/60 Hz
Precision:	Better than 2% full scale range for standard test solutions
Protok uzorka:	100 - 300 mL/min
Reagent Requirements:	Keep between 10 - 30 °C
Što je u pretincu:	EZ3507 Fluoride Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x ISE Electrode and Fluoride Electrode, combined, 1 x empty 5L Reagent Container with Fittings (for F Standard Solution) and 1 x empty 10L Reagent Container with Fittings (for Buffer Solution)
Temperatura prostora:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Temperatura uzorka:	10 - 30 °C
Uzorak: tlak:	By external overflow vessel
Validation:	Automatic; frequency freely programmable

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