



## EZ3507 Fluoride Analyser

Продукт №: EZ3507.XXXXXXXXXX  
BGN Цена: Свържете се с нас

### 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.

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## Спецификации

Demineralised water:	For rinsing
Digital outputs:	Optional: Modbus (TCP/IP, RS485)
Earth connection:	Dry and clean earth pole with low impedance ( $< 1 \text{ Ohm}$ ) using an earth cable of $> 2.5 \text{ mm}^2$
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Precision:	Better than 2% full scale range for standard test solutions
Reagent Requirements:	Keep between 10 - 30 °C
Validation:	Automatic; frequency freely programmable
Аварийен сигнал:	1x malfunctioning, 4x user-configurable, max. 24 VDC/0.5 A, potential free contacts

Автоматично почистване:	Да
Аналогови изходи:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Бр. потоци проби:	1, 2, 4 or 8
Гаранция:	24 месеца
Граница на откриваемост:	≤ 0.1 mg/L
Дренаж:	Atmospheric pressure, vented, min. Ø 32 mm
Захранване:	100 - 240 VAC, 50/60 Hz
	Max. power consumption: 120 VA
Измерване метод:	Discontinuous measurement by combined ion-selective electrode with standard addition
Измерване, диапазон:	0.5 - 10 mg/L F <sup>-</sup>
	Optional:
	0.1 - 2.5 mg/L F <sup>-</sup>
	0.25 - 5 mg/L F <sup>-</sup>
Какво има в кутията:	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)
Калибриране:	Automatic, 2-point; frequency freely programmable
Клас на защита:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65
Кювети за проба:	8 minutes
Материал:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Модел:	EZ3507
Околна температура:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Параметър:	Fluoride
Пауза:	100 - 240 VAC, 50/60 Hz
Проба, дебит:	100 - 300 mL/min
Проба, качество:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Проба: налягане:	By external overflow vessel
Размери (В x Ш x Д):	690 мм x 465 мм x 330 мм
Сертификати:	CE compliant / UL certified
Смущения:	Metal ions like aluminium > 72 mg/L, calcium > 108 mg/L and iron > 150 mg/L. Fats, oil, proteins, surfactants and tar.
Тегло:	25 kg
Температура на проба:	10 - 30 °C

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