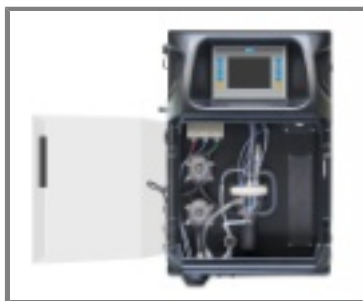




Be Right™



EZ3507 Fluoride Analyser, 1 stream, Modbus RS485

Kat. číslo produktu: EZ3507.99001C02

CZK Cena: Kontaktujte nás

Datum dodání na vyžádání

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
Certifikace:	CE compliant / UL certified
Digitální výstupy:	Modbus 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
Hmotnost:	25 kg
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air

Interference :	Metal ions like aluminium > 72 mg/L, calcium > 108 mg/L and iron > 150 mg/L. Fats, oil, proteins, surfactants and tar.
Kalibrace:	Automatic, 2-point; frequency freely programmable
Materiál:	Hinged part: Thermoform ABS, door: plexiglass
	Wall section: Galvanised steel, powder coated
Metoda měření:	Discontinuous measurement by combined ion-selective electrode with standard addition
Mez detekce:	≤ 0.1 mg/L
Napájení:	110 - 220 VAC, 2 A, 50/60Hz
	Max. power consumption: 150 VA
	Other voltages available on request
Odtok:	Atmospheric pressure, vented, min. Ø 64 mm
Okolní teplota:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Parametr:	Fluoride
Počet proudů vzorku:	1 stream
	Optional:
	1 to 8 streams
Požadavky na vzorek:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Přesnost:	Better than 2% full scale range for standard test solutions
Průtoková rychlost:	100 - 300 mL/min
Reagent Requirements:	Keep between 10 - 30 °C
Rozměry (V x Š x H):	690 mm x 465 mm x 330 mm
Rozsah měření:	1 - 10 mg/L F ⁻
	Optional:
	0.25 - 2.5 mg/L F ⁻
	0.5 - 5 mg/L F ⁻
Teplota vzorku:	10 - 30 °C
Tlak vzorku:	By external overflow vessel
Třída ochrany:	Analyser cabinet: IP55 / Panel PC: IP65
Validation:	Automatic; frequency freely programmable
Výstup:	Modbus RS485
	Optional:
	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs
	RS232, Modbus TCP/IP
Záruka:	2 roky