



**Be Right™**



## EZ3503 Chloride Analyser

**Termékszám:**

**EZ3503.XXXXXXXX**

**HUF Ár (nettó):**

**Elérhetőségünk**

### **Online ion-selective Chloride 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.

### **Műszaki adatok**

A doboz tartalma:

EZ3503 Chloride Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x ISE Electrode and Chloride Electrode, combined, and 2 x empty 5L Reagent Containers with Fittings (for Buffer and Standard Cl Solution)

Analóg kimenetek:

Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)

Anyag:

Hinged part: Thermoform ABS, door: PMMA

Wall section: Galvanised steel, powder coated

Automatikus tisztítás:

Igen

Demineralised water:

For rinsing

Detectálási határ:	1 mg/L
Digitális kimenetek:	Optional: Modbus (TCP/IP, RS485)
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm <sup>2</sup>
Garancia:	24 hónap
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Interferenciák:	Bromide, sulphide, iodide, cyanide ions may interfere. Mercury must be absent. Ammonia and thiosulphate may interfere. Fats, oil, proteins, surfactants and tar.
Kalibrálás:	Automatic, 2-point; frequency freely programmable
Környezeti hőmérséklet:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Lefolyócső:	Atmospheric pressure, vented, min. Ø 32 mm
Mérés módszer:	Discontinuous measurement by combined ion-selective electrode with standard addition
Méréstartomány:	1 - 10 mg/L
Méretek (MxSzxm):	690 mm x 465 mm x 330 mm
Minta hőmérséklet:	10 - 30 °C
Minta minőség:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Minta: nyomás:	By external overflow vessel
Mintaáram:	100 - 300 mL/min
Mintacellák:	8 minutes
Mintautak száma:	1, 2, 4 or 8
Módszer név:	Ionselective (standard addition)
Paraméter:	Chloride
Pontosság:	Better than 2% full scale range for standard test solutions
Reagent Requirements:	Keep between 10 - 30 °C
Riasztás:	1x malfunctioning, 4x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Súly:	25 kg
Szünet mód:	100 - 240 VAC, 50/60 Hz
Tanúsítványok:	CE compliant / UL certified
Teljesítmény:	100 - 240 VAC, 50/60 Hz
	Max. power consumption: 120 VA
Típus:	EZ3503
Validation:	Automatic; frequency freely programmable
Védeeltségi osztály:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65

## A doboz tartalma

EZ3503 Chloride Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x ISE Electrode and Chloride Electrode, combined, and 2 x empty 5L Reagent Containers with Fittings (for Buffer and Standard Cl Solution)