



EZ3004 Chloride Analyser

Termékszám:	EZ3004.XXXXXXXXXX
HUF Ár (nettó):	Elérhetőségünk

Online ion-selective Chloride measurements in industrial and environmental applications

ISE technology for optimal analytical performance

With limited maintenance requirements and reduced reagent consumption, the EZ3000 Series are the ideal choice for a wide range of water monitoring applications where ion-selective electrodes are the preferred analytical technique. Outstanding precision and stability is guaranteed by the temperaturecontrolled measurement.

Direct, discontinuous ISE method

Contrary to separate electrodes or other analysers in the market, the EZ3000 Series does not run a continuous measurement. The principle of discontinuous ISE analysis not only enhances control over conversion of ion activity to electric potential, it also eliminates risk of cross-contamination between cycles and reduces overall consumption of reagents.

The EZ3000 Series combine unique ISE technology with a set of analysis, control and communication features in an industrial analyser mainframe with designed for the highest performance:

- Automatic direct ion-selective measurements
- Smart automatic features
- Control and communication via industrial panel PC
- Standard 4 - 20 mA signal output with alarm processing
- Communication ports supporting connectivity to Modbus
- Multiple stream analysis
- Reduced reagent consumption

There are many additional options available. Please contact Hach for more details.

Műszaki adatok

A doboz tartalma:	EZ3004 Chloride Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x ISE Chloride Electrode and 1 x empty 2.5L Reagent Container with Fittings (for Buffer 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
Detektálási határ:	2.5 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 mm²
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, direct measurement by combined ion-selective electrode, conform with standard methods EPA 9212 and ASTM D512-12
Méréstartomány:	10 - 100 mg/L Cl ⁻
	Optional:
	2.5 - 25 mg/L Cl ⁻
	5 - 50 mg/L Cl ⁻
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:	5 minutes
Mintautak száma:	1, 2, 4 or 8
Módszer név:	Ionselective
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:	EZ3004
Validation:	Automatic; frequency freely programmable
Védettségi osztály:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65

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