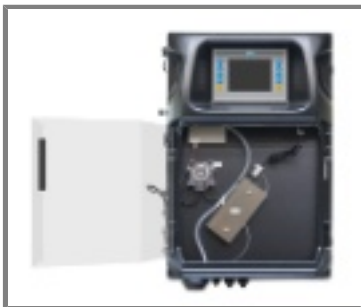




Be Right™



EZ3005 Chloride Analyser, 1 stream, Modbus RS485

Nr produktu: EZ3005.99001C02

PLN Cena: Kontakt

Podanie daty wysyłki

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 temperature-controlled 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.

Parametry techniczne

Alarmy:	1x malfunctioning, 4x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Certyfikaty:	CE compliant / UL certified
Ciśnienie próbki:	By external overflow vessel

Czas cyklu:	5 minutes
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm ²
Gwarancja:	2 lat
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Jakość próbeki:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Kalibracja:	Automatic, 2-point; frequency freely programmable
Klasa ochrony:	Analyser cabinet: IP55 / Panel PC: IP65
Liczba strumieni próbeki:	1 stream
	Optional:
	1 to 8 streams
Limit detekcji:	≤ 25 mg/L
Materiał:	Hinged part: Thermoform ABS, door: plexiglass
	Wall section: Galvanised steel, powder coated
Metoda pomiarowa:	Discontinuous, direct measurement by combined ion-selective electrode, conform with standard methods EPA 9212 and ASTM D512-12
Odpływ:	Atmospheric pressure, vented, min. Ø 64 mm
Parametr:	Chloride
Precyzja:	Better than 2% full scale range for standard test solutions
Prędkość przepływu:	100 - 300 mL/min
Reagent Requirements:	Keep between 10 - 30 °C
Temperatura otoczenia:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Temperatura próbeki:	10 - 30 °C
Validation:	Automatic; frequency freely programmable
Waga:	25 kg
Wyjścia:	Modbus RS485
	Optional:
	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs
	RS232, Modbus TCP/IP
Wyjścia cyfrowe:	Modbus RS485
Wymiary (wys. x szer. x głęb.):	690 mm x 465 mm x 330 mm
Zakres pomiarowy:	100 - 1,000 mg/L Cl ⁻
	Optional:
	25 - 250 mg/L Cl ⁻
	50 - 500 mg/L Cl ⁻
Zakłócenia:	Bromide, sulphide, iodide, cyanide ions may interfere. Mercury must be absent. Ammonia and thiosulphate may interfere. Fats, oil, proteins, surfactants and tar.
Zasilanie:	110 - 220 VAC, 2 A, 50/60Hz
	Max. power consumption: 150 VA

Other voltages available on request