



Be Right™



## EZ3004 Chloride Analyser, 1 stream, Modbus RS485

**Productnr.:** EZ3004.99001C02  
**EUR Prijs:** Neem contact op  
**Verzenddatum n.t.b.**

### 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.

---

### Specificaties

Aantal monsterstromen: 1 stream

Optional:

	1 to 8 streams
Afmetingen(H x B x D):	690 mm x 465 mm x 330 mm
afvoerslang:	Atmospheric pressure, vented, min. Ø 64 mm
Alarm:	1x malfunctioning, 4x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Beschermingsklasse:	Analyser cabinet: IP55 / Panel PC: IP65
Certificering:	CE compliant / UL certified
Cyclustijd:	5 minutes
Detectiegrens:	≤ 2.5 mg/L
Digital outputs:	Modbus RS485
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm <sup>2</sup>
Garantie:	2 jaar
Gewicht :	25 kg
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
interferenties:	Bromide, sulphide, iodide, cyanide ions may interfere. Mercury must be absent. Ammonia and thiosulphate may interfere. Fats, oil, proteins, surfactants and tar.
Kalibratie:	Automatic, 2-point; frequency freely programmable
Materiaal:	Hinged part: Thermoform ABS, door: plexiglass
	Wall section: Galvanised steel, powder coated
Meetbereik:	10 - 100 mg/L Cl <sup>-</sup>
	Optional:
	2.5 - 25 mg/L Cl <sup>-</sup>
	5 - 50 mg/L Cl <sup>-</sup>
Meetmethode:	Discontinuous, direct measurement by combined ion-selective electrode, conform with standard methods EPA 9212 and ASTM D512-12
Monster druk:	By external overflow vessel
Monster kwaliteit:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Monster stroomsnelheid:	100 - 300 mL/min
Monster temperatuur:	10 - 30 °C
Omgevingstemperatuur:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Parameter:	Chloride
Precisie:	Better than 2% full scale range for standard test solutions
Reagent Requirements:	Keep between 10 - 30 °C
Stroom:	110 - 220 VAC, 2 A, 50/60Hz
	Max. power consumption: 150 VA
	Other voltages available on request
Uitgang:	Modbus RS485
	Optional:
	Active 4 - 20 mA max. 500 Ohm load, 1 to 8 outputs
	RS232, Modbus TCP/IP

Validation:

Automatic; frequency freely programmable