



Be Right™



EZ1005 Chloride Analyser, 1 stream, Modbus RS485

Productnr.: EZ1005.99001C02
EUR Prijs: Neem contact op
Verzenddatum n.t.b.

Online colorimetric analysis of Chloride in water

EZ1000 Chloride Analysers achieve excellent precision and accuracy. At the heart of the colorimeter there is a compact photometer assembly developed especially for the EZ Series. Consumption of reagents is reduced by low volume analysis, yet high sensitivity is assured by a long optical path length. The limit of detection is in the low µg/L range.

Results you can rely on

Smart automatic features for calibration, validation, priming and cleaning are embedded in the controller software and contribute to analytical performance, maximised uptime and negligible operator intervention. Precision micropumps dose all reagents. Sample lines and analysis vessel are cleaned with demineralised water to eliminate cross contamination between samples. Electronic and wet-chemical part of the analyser are strictly separated. A transparent door allows for instant visual inspection of the wet part.

Flexibility that meets your needs

EZ Series Chloride Analysers come in an attractive, ergonomic mainframe with a compact footprint. All hardware is controlled by the integrated industrial panel PC. The modular build allows for the analyser to match your application and operational needs.

- The standard measuring range can be narrowed by a different calibration range or extended via internal dilution options.
- Analogue and digital output options
- Multiple stream analysis for up to 8 sample streams

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:	10 min (dilution + 5 min)
Detectiegrens:	≤ 1 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 ²
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:	Substances in amounts normally found in potable water will likely not interfere. Bromide, iodide and cyanide register as equivalent chloride concentrations. Sulfide, thiosulfate and sulfite interfere but can be removed by treatment with hydrogen peroxide. Orthophosphate > 25 mg/L interferes by precipitating as silver phosphate. Iron > 10 mg/L interferes. Large amounts of colour and turbidity 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:	1 - 10 mg/L Cl ⁻
	Optional:
	4 - 40 mg/L Cl ⁻ (with internal dilution)
	8 - 80 mg/L Cl ⁻ (with internal dilution)
	100 - 1000 mg/L Cl ⁻ (with internal dilution)
Meetmethode:	Colorimetric measurement of turbidity at 480 nm after silver chloride (AgCl) precipitation, based on standard method APHA 4500-Cl (B)
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