



EZ4006 Chloride Analyser

Produktnr: EZ4006.XXXXXXXXXX
SEK Pris: Kontakta oss

Online, automatic titration of Chloride in water

EZ4000 Series Analysers are single-parameter titrators that achieve excellent precision and accuracy. Depending on the parameter of interest, the measuring range and the water matrix the EZ4000 Series may use either potentiometry i.e. acid-base, redox or precipitation titration, where the endpoint is determined by a change in a specific variable, or photolorimetry, where colour change is used to determine the endpoint of the titration. The high precision dispenser for addition, robust peristaltic pumps for sampling and drain, and carefully designed liquid pathways all add up to the highest performance for industrial and environmental analysis needs.

Results you can rely on

Smart automatic features for validation, priming and cleaning are embedded in the controller software and contribute to analytical performance, maximised uptime and negligible operator intervention. 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.

Specifikationer

Analoga utgångar:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Antal provströmmar:	1, 2, 4 or 8
Certifieringar :	CE compliant / UL certified
Cykeltid:	10 - 15 minutes
Demineralised water:	For rinsing / dilution

Detektionsgräns:	5 mg/L
Digital outputs:	Optional: Modbus (TCP/IP, RS485)
Dimension (H x B x D):	690 mm x 465 mm x 330 mm
Dränering:	Atmospheric pressure, vented, min. Ø 32 mm
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm ²
Garanti :	24 månader
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Kalibrering:	N.A.
Larm:	1 x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Material:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Mätmetod:	Potentiometric titration with silver nitrate (AgNO ₃), conform with standard method APHA 4500-Cl (D)
Matningsspänning:	100 - 240 VAC, 50/60 Hz
	Max. power consumption: 120 VA
Mätområde:	25 - 500 mg/L Cl ⁻
	Optional:
	5 - 50 mg/L Cl ⁻
	5 - 125 mg/L Cl ⁻
	5 - 250 mg/L Cl ⁻
	Internal dispenser dilution (max. factor 100)
Metodnamn:	Titrimetric
Modell:	EZ4006
Omgivningstemperatur:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Parameter:	Chloride
Pausläge:	100 - 240 VAC, 50/60 Hz
Precision:	Better than 2% full scale range for standard test solutions
Prov: tryck:	By external overflow vessel
Provflödes hastighet:	100 - 300 mL/min
Provkvalitet:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Provtemperatur:	10 - 30 °C
Reagent Requirements:	Keep between 10 - 30 °C
Skyddsklass:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65
Störningar:	Bromide, sulphide, iodide ions may interfere. Ferricyanide causes high results and must be removed. Chromate and dichromate interfere and should be reduced to chromic state or removed. Ferric iron interferes if present in an amount substantially higher than the amount of chloride. Chromic ion, ferrous ion and phosphate do not interfere. Fats, oil, proteins, surfactants and tar.
Vad ingår i leveransen:	EZ4006 Chloride Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x mV electrode, 2 x empty 10L Reagent Containers with Fittings (for Cleaning & Buffer Solution) and 1 x empty 10L Reagent Dark Container with Fittings (for AgNO ₃ Solution)
Validation:	Automatic; frequency freely programmable
Vikt :	25 kg

Vad finns i förpackningen

EZ4006 Chloride Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x mV electrode, 2 x empty 10L Reagent Containers with Fittings (for Cleaning & Buffer Solution) and 1 x empty 10L Reagent Dark Container with Fittings (for AgNO₃ Solution)