



EZ3504 Chloride Analyser

Продукт №: EZ3504.XXXXXXXXXX
BGN Цена: Свържете се с нас

Online ion-selective Chloride measurements with standard addition for industrial applications

ISE technology for complex water matrices

The EZ3500 Series are used for water monitoring applications where ion-selective electrodes are the preferred analytical technique, but the water matrix is complex. Standard addition helps minimise matrix interferences that otherwise might contribute to the output signal of the electrode.

Discontinuous, automatic standard addition

The EZ3500 Series run discontinuous measurements with careful addition of a known standard in an analysis vessel. Discontinuous ISE analysis enhances control over the potentiometry, eliminates cross-contamination between cycles and reduces overall reagent consumption.

The EZ3500 Series combine unique technology with a set of analysis, control and communication features in an industrial analyser mainframe designed for the highest performance:

- Smart automatic features
- Control and communication via industrial panel PC
- Analogue and digital output options
- Multiple stream analysis (up to 8 streams)

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

Спецификации

Demineralised water:	For rinsing
Digital outputs:	Optional: Modbus (TCP/IP, RS485)
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm ²
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Precision:	Better than 2% full scale range for standard test solutions
Reagent Requirements:	Keep between 10 - 30 °C
Validation:	Automatic; frequency freely programmable
Аварийен сигнал:	1x malfunctioning, 4x user-configurable, max. 24 VDC/0.5 A, potential free contacts

Автоматично почистване:	Да
Аналогови изходи:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Бр. потоци проби:	1, 2, 4 or 8
Гаранция:	24 месеца
Граница на откриваемост:	1 mg/L
Дренаж:	Atmospheric pressure, vented, min. Ø 32 mm
Захранване:	100 - 240 VAC, 50/60 Hz
	Max. power consumption: 120 VA
Измерване метод:	Discontinuous measurement by combined ion-selective electrode with standard addition
Измерване, диапазон:	5 - 100 mg/L Cl ⁻
	Optional:
	1 - 25 mg/L Cl ⁻
	2.5 - 50 mg/L Cl ⁻
Какво има в кутията:	EZ3504 Chloride Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x ISE Electrode and Chloride Electrode, combined, and 2 x empty 5L Reagent Containers with Fittings (for Buffer and Standard Cl Solution)
Калибриране:	Automatic, 2-point; frequency freely programmable
Клас на защита:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65
Кювети за проба:	8 minutes
Материал:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Метод, име:	Ionselective (standard addition)
Модел:	EZ3504
Околна температура:	10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing)
Параметър:	Chloride
Пауза:	100 - 240 VAC, 50/60 Hz
Проба, дебит:	100 - 300 mL/min
Проба, качество:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Проба: налягане:	By external overflow vessel
Размери (В x Ш x Д):	690 мм x 465 мм x 330 мм
Сертификати:	CE compliant / UL certified
Смущения:	Bromide, sulphide, iodide, cyanide ions may interfere. Mercury must be absent. Ammonia and thiosulphate may interfere. Fats, oil, proteins, surfactants and tar.
Тегло:	25 kg
Температура на проба:	10 - 30 °C

Какво има в кутията

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