



EZ3003 Chloride Analyser

Продукт №: EZ3003.XXXXXXXXXX
BGN Цена: Свържете се с нас

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.

Спецификации

Demineralised water:	For rinsing
Digital outputs:	Optional: Modbus (TCP/IP, RS485)
Earth connection:	Dry and clean earth pole with low impedance ($< 1 \text{ Ohm}$) using an earth cable of $> 2.5 \text{ mm}^2$

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, direct measurement by combined ion-selective electrode, conform with standard methods EPA 9212 and ASTM D512-12
Измерване, диапазон:	1 – 10 mg/L
Какво има в кутията:	EZ3003 Chloride Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x ISE Chloride Electrode and 1 x empty 2.5L Reagent Container with Fittings (for Buffer Solution)
Калибриране:	Automatic, 2-point; frequency freely programmable
Клас на защита:	Protection class: Analyser cabinet: IP44 / Panel PC: IP65
Кювети за проба:	5 minutes
Материал:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Метод, име:	Ionselective
Модел:	EZ3003
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

EZ3003 Chloride Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x ISE Chloride Electrode and 1 x empty 2.5L Reagent Container with Fittings (for Buffer Solution)