



EZ3003 Chloride Analyser

Ürün Numarası: EZ3003.XXXXXXXXXX
TRY Fiyat: Bize Ulaşın

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.

Teknik özellikler

| | |
|------------|---|
| Ağırlık: | 25 kg |
| Akış Hızı: | 100 - 300 mL/min |
| Alarm : | 1x malfunctioning, 4x user-configurable, max. 24 VDC/0.5 A, potential free contacts |

| | |
|----------------------|---|
| Analog çıkışlar: | Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option) |
| Boyut (Y x G x D): | 690 mm x 465 mm x 330 mm |
| Cihaz havası: | Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air |
| Demineralize su: | For rinsing |
| Dijital çıkışlar: | Optional: Modbus (TCP/IP, RS485) |
| Doğrulama: | Automatic; frequency freely programmable |
| Doğruluk: | Better than 2% full scale range for standard test solutions |
| Drenaj: | Atmospheric pressure, vented, min. Ø 32 mm |
| Enerji: | 100 - 240 VAC, 50/60 Hz |
| | Max. power consumption: 120 VA |
| Garanti: | 24 aylar |
| Girişimler: | Bromide, sulphide, iodide, cyanide ions may interfere. Mercury must be absent. Ammonia and thiosulphate may interfere. Fats, oil, proteins, surfactants and tar. |
| Güç kaynağı: | 100 - 240 VAC, 50/60 Hz |
| Kalibrasyon: | Automatic, 2-point; frequency freely programmable |
| Koruma sınıfı: | Protection class: Analyser cabinet: IP44 / Panel PC: IP65 |
| Kutudakiler: | 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) |
| Malzeme: | Hinged part: Thermoform ABS, door: PMMA |
| | Wall section: Galvanised steel, powder coated |
| Metot: | Ionselective |
| Model: | EZ3003 |
| Numune akışı sayısı: | 1, 2, 4 or 8 |
| Numune basıncı: | By external overflow vessel |
| Numune kalitesi: | Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU |
| Numune sıcaklığı: | 10 - 30 °C |
| Ölçüm aralığı: | 1 – 10 mg/L |
| Ölçüm metodu: | Discontinuous, direct measurement by combined ion-selective electrode, conform with standard methods EPA 9212 and ASTM D512-12 |
| Ölçüm süresi: | 5 minutes |
| Ortam sıcaklığı: | 10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing) |
| Otomatik temizleme: | Evet |
| Parametre: | Chloride |
| Reaktif gereksinimi: | Keep between 10 - 30 °C |
| Saptama limiti: | 1 mg/L |
| Sertifikalar: | CE compliant / UL certified |
| Toprak bağlantısı: | Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm² |

Kutudakiler

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)