



EZ6000 Arsenic Analyser As(III)

Ürün Numarası: EZ6000.XXXXXXXXXX
TRY Fiyat: Bize Ulaşın

Trace metal analysis of dissolved Arsenic As(III) in water by online voltammetry

About the 6000 Series

The EZ6000 Series of Online Trace Metal Analysers are based on the technology of stripping voltammetry, a sensitive analytical technique that can be automated for the determination of trace levels of metals in water. For many metals the EZ6000 Series boasts limits of quantification in the low ppb range, comparing the technique favorably with AAS or ICP analysis.

Single, multiple and total parameter configurations

Several product sublines with a wealth of combinations are available for determination of trace metals, including the standard single parameter and multi-parameter configurations without digestion. Measurement of complexed or adsorbed metals is possible by means of the configurations with built-in digester. Combinations of metals depend on the choice of working electrode and the priority metals for your application.

Advanced features

The EZ6000 Series build upon tried and tested voltammetry technology used in many clean water applications, in an industrial mainframe with the following prime features:

- Excellent selectivity and sensitivity
- Built-in sample digestion unit (hot acid or UV)
- Smart automatic features
- Standard 4 - 20 mA signal output with alarm processing
- Communication ports supporting connectivity to Modbus
- Higher measuring ranges: internal sample dilution
- Multiple stream analysis

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

Teknik özellikler

Ağırlık: 25 kg

| | |
|----------------------|---|
| Akış Hızı: | 100 - 300 mL/min |
| Alarm : | 1 x malfunctioning, 4 x 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 5% 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: | Iodide, organic matter, copper Cu(II) > 30 µg/L, iron Fe(III) >20 mg/L, various metals in mg/L levels may interfere. Fats, oil, proteins, surfactants and tar. |
| Kalibrasyon: | Automatic, 2-point; frequency freely programmable |
| Koruma sınıfı: | Analyser cabinet: IP44 / Panel PC: IP65 |
| Kutudakiler: | EZ6000 Arsenic Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x Counter Electrode - Platina, 1 x Working Electrode - Gold, 1 x Reference Electrode - Ag/AgCl, 1 x empty 10L Reagent Container with Fittings (H2SO4 Solution) and 1 x empty 5L Reagent Container with Fittings (Buffer Solution) and 2 x empty 1L Reagent Container with Fittings (Reference Blank & Reference As Solution) |
| Malzeme: | Hinged part: Thermoform ABS, door: PMMA |
| | Wall section: Galvanised steel, powder coated |
| Model: | EZ6000 |
| Numune akışı sayısı: | 1, 2, or 4 |
| 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 - 20 µg/L As |
| Ölçüm metodu: | Stripping voltammetry using gold electrode |
| Ölçüm süresi: | 10 minutes |
| Ortam sıcaklığı: | 10 - 30 °C ±4 °C deviation at 5 - 95% relative humidity (non-condensing) |
| Otomatik temizleme: | Evet |
| Parametre: | Arsenic, dissolved As(III) |
| Reaktif gereksinimi: | Keep between 10 - 30 °C |
| Saptama limiti: | ≤ 1 µg/L |
| Sertifikalar: | CE compliant / ETL certified |
| Soğutma suyu: | Not required |
| Toprak bağlantısı: | Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm² |

Kutudakiler

EZ6000 Arsenic Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets, 1 x Counter Electrode - Platina, 1 x Working Electrode - Gold, 1 x Reference Electrode - Ag/AgCl, 1 x empty 10L Reagent Container with Fittings (H2SO4 Solution) and 1 x empty 5L

Reagent Container with Fittings (Buffer Solution) and 2 x empty 1L Reagent Container with Fittings (Reference Blank & Reference As Solution)