



EZ2304 Total Nickel + Ni(II) Analyser

Proizvod #: EZ2304.XXXXXXXXXX
EUR Cijena: Kontaktirajte nas

Online colorimetric analysis of Total Nickel + Dissolved Nickel Ni(II) in water

EZ2000 Total Nickel Analysers achieve excellent precision and accuracy. At the heart of the colorimeter there is a compact photometer assembly developed especially for the EZ Series. Consumption of reagents is reduced by low volume analysis, yet high sensitivity is assured by a long optical path length. The limit of detection is in the low µg/L range.

EZ2000 Total Nickel Analysers have an internal digestion unit. This additional step prior to analysis allows to measure non-soluble or complexed metal species.

Results you can rely on

Smart automatic features for calibration, validation, priming and cleaning are embedded in the controller software and contribute to analytical performance, maximised uptime and negligible operator intervention. Precision micropumps dose all reagents. 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 Nickel 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.

Specifikacije

| | |
|----------------------|---|
| Alarma: | 1 x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts |
| Analogni izlazi: | Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option) |
| Broj uzoraka: | 1, 2, 4 or 8 |
| Certificiranja: | CE compliant / ETL certified |
| Demineralised water: | For rinsing / dilution |

| | |
|------------------------|---|
| Digital outputs: | Optional: Modbus (TCP/IP, RS485) |
| Dimenzije (V x Š x D): | 690 mm x 465 mm x 330 mm |
| Earth connection: | Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm ² |
| Garancija: | 24 mjeseci |
| Granica detekcije: | ≤ 10 µg/L |
| Instrument air: | Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air |
| Interferencija : | Metal ions like Aluminium Al(III), Bismuth Bi(III), Cadmium Cd(II), Chromium Cr(III), Cobalt Co(II), Copper Cu(II), Iron Fe(II), Iron Fe(III), Lead Pb(II), Manganese Mn(II), Magnesium Mg(II), Mercury Hg(II), Palladium Pd(II), Platinum Pt(II), Silver Ag(I), Tin Sn(II), Zinc Zn(II). Large amounts of colour and turbidity interferes. Fats, oil, proteins, surfactants and tar. |
| Kalibracija: | Automatic, 2-point; frequency freely programmable |
| Kivete: | 30 minutes (dilution + 10 min.) |
| Klasa zaštite: | Protection class: Analyser cabinet: IP44 / Panel PC: IP65 |
| Kvaliteta uzorka: | Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU |
| Masa: | 25 kg |
| Materijal: | Hinged part: Thermoform ABS, door: PMMA |
| | Wall section: Galvanised steel, powder coated |
| Mjerna metoda: | Colorimetric measurement using DMG colour solution |
| Mjerni rang: | 20 - 500 µg/L Ni |
| | Optional: |
| | 10 - 125 µg/L |
| | 10 - 250 µg/L |
| | 160 - 2000 µg/L |
| | 320 - 5000 µg/L |
| Model: | EZ2304 |
| Napajanje: | 230 VAC, 50/60 Hz |
| | 120 VAC, 50/60 Hz |
| | Max. power consumption: 440 VA |
| Odvod: | Atmospheric pressure, vented, min. Ø 32 mm |
| Parametar: | Nickel, total; Nickel Ni(II), dissolved |
| Precision: | Better than 2% full scale range for standard test solutions |
| Protok uzorka: | 100 - 300 mL/min |
| Reagent Requirements: | Keep between 10 - 30 °C |
| Temperatura prostora: | 10 - 30 °C ± 4 °C deviation at 5 - 95% relative humidity (non-condensing) |
| Temperatura uzorka: | 10 - 30 °C |
| Uzorak: tlak: | By external overflow vessel |
| Validation: | Automatic; frequency freely programmable |