



## **EZ7821 Total Phosphorus Analyser, 0.005-1 mg/L TP**

**Nr. produs:** EZ7821.XXXXXXXXXX

RON Preț (fără TVA): Contact

Nu este afișată data expierii

### **The full picture of Phosphorus removal: Total Phosphorus and Orthophosphate**

You spend a lot of time looking at your data and your process, so you never come close to any compliance issues while managing your environmental and regulatory goals. When you choose the new EZ Series Total Phosphorus and Orthophosphate analyser from Hach, you'll get industry-leading technology with the power to measure both parameters in one analyser for a full picture of your Phosphorus removal process. Full process insight gives you the confidence to take action.

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

#### **Stay in control**

Monitor your Phosphorus removal process with the reliable data and insights you need to act quickly and with confidence. Phosphorus discharge permits evolve, and the EZ Series Total Phosphorus and Orthophosphate analyser helps you quickly and accurately get both measurements to ensure permit compliance.

#### **See the total picture**

Be confident in your process. You employ biological treatment and/or chemical precipitation to remove Phosphate, but the ratio of effluent TP vs. ortho-PO<sub>4</sub> may vary throughout the day. The new TP/PO<sub>4</sub> analyser will get you actionable data for both parameters with one device. Continuous monitoring will enable you to detect trends. You'll always see both forms of Phosphorus in your water.

#### **This isn't simple, but we'll help you simplify**

Sampling for lab analysis can be time-consuming, costly, and incurs a delay, whereas continuous monitoring helps you to understand the process conditions much faster. The new combined analyser will make your day easier with features that help you save hands-on time. Cooling water is no longer needed. You'll enjoy the autocalibration, self-cleaning and automatic validation this analyser provides. Ready to use reagents and the unparalleled Hach service and support are there to help you optimise your work.

### **Specificații**

Alarma:	1 x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Calibrare:	Automatic, 2-point; frequency freely programmable
Calitate proba:	Maximum particle size 100 μm, < 0.1 g/L; Turbidity < 50 NTU
Certificări:	CE compliant / ETL certified
Clasa de protecție:	Analyser cabinet: IP44 / Panel PC: IP65
Conținutul cutiei:	EZ7821 Total Phosphorus Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets and empty Containers for Reagents with Fittings
Cuve:	Standard measurement cycle time for TP: 30 minutes
Debitul probei:	100 - 300 mL/min

Demineralised water:	For rinsing / dilution
Digital outputs:	Optional: Modbus (TCP/IP, RS485)
Dimensiuni (Înălțime x Lățime x Adâncime):	690 mm x 465 mm x 330 mm
Domeniu de măsurare:	0.005 - 1 mg/L TP
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm <sup>2</sup>
Esantion: presiune:	By external overflow vessel
Garanție:	24 luni
Greutate:	25 kg
Iesiri analogice:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Interferente:	Arsenic (V), Chromium (VI), Copper (II) > 10 mg/L, Iron (III) > 10 mg/L, Sulphide > 2 mg/L, and Vanadium (V), Silica > 60 mg/L. Large amounts of colour and turbidity interfere. Fats, oil, proteins, surfactants and tar.
Limita de detecție:	≤ 0.005 mg/L
Material:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Metoda de măsurare:	Colorimetric measurement at 700 nm using ascorbic acid reduction and molybdate colour solution after persulphate digestion in acidic medium, conform with APHA 4500-P
Nr. flux probe :	1, 2, 4, or 8
Parametru:	Total Phosphorus (TP)
Precizie:	Better than 2% full scale range for standard test solutions
Putere:	230 VAC, 50/60 Hz
	120 VAC, 50/60 Hz
	Max. power consumption: 440 VA
Reagent Requirements:	Keep between 10 - 30 °C
Scurgere:	Atmospheric pressure, vented, min. Ø 32 mm
Temperatura ambiantă:	10 - 30 °C, ± 4 °C deviation at 5 - 95% relative humidity (non-condensing)
Temperatura probă:	10 - 30 °C
Validation:	Automatic; frequency freely programmable

---

## Conținutul cutiei

EZ7821 Total Phosphorus Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets and empty Containers for Reagents with Fittings