



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

**Kat. číslo produktu:** EZ7821.XXXXXXXXXX  
**EUR Cena bez DPH:** Kontaktujte nás  
**Dátum odoslania neuvedené**

### **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.

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### **Technické údaje**

Alarm:	1 x malfunctioning, 4 x user-configurable, max. 24 VDC/0.5 A, potential free contacts
Analógové výstupy:	Active 4 - 20 mA max. 500 Ohm load, standard 1, max. 8 (option)
Č. prúdov vzoriek:	1, 2, 4, or 8
Certifikácia:	CE compliant / ETL certified
Demineralised water:	For rinsing / dilution
Detekčný limit:	≤ 0.005 mg/L
Digitálne výstupy:	Optional: Modbus (TCP/IP, RS485)
Doba cyklu :	Standard measurement cycle time for TP: 30 minutes
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm <sup>2</sup>

Hmotnosť:	25 kg
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Interferencie:	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.
Kalibrácia:	Automatic, 2-point; frequency freely programmable
Kvalita vzorky:	Maximum particle size 100 µm, < 0.1 g/L; Turbidity < 50 NTU
Materiál:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
Metóda merania:	Colorimetric measurement at 700 nm using ascorbic acid reduction and molybdate colour solution after persulphate digestion in acidic medium, conform with APHA 4500-P
Napájanie:	230 VAC, 50/60 Hz
	120 VAC, 50/60 Hz
	Max. power consumption: 440 VA
Obsah balenia:	EZ7821 Total Phosphorus Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets and empty Containers for Reagents with Fittings
Odtok:	Atmospheric pressure, vented, min. Ø 32 mm
Parameter:	Total Phosphorus (TP)
Presnosť:	Better than 2% full scale range for standard test solutions
Reagent Requirements:	Keep between 10 - 30 °C
Rozmery (V x Š x H):	690 mm x 465 mm x 330 mm
Rozsah merania:	0.005 - 1 mg/L TP
Rýchlosť prietoku vzorky:	100 - 300 mL/min
Teplota prostredia:	10 - 30 °C, ± 4 °C deviation at 5 - 95% relative humidity (non-condensing)
Teplota vzorky:	10 - 30 °C
Trieda ochrany:	Analyser cabinet: IP44 / Panel PC: IP65
Validation:	Automatic; frequency freely programmable
Vzorka: tlak:	By external overflow vessel
Záruka:	24 mesiacov

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## Obsah balenia

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