



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

Ürün Numarası: EZ7821.XXXXXXXXXX  
TRY Fiyat: Bize Ulaşın

### 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.

### 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 / dilution
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:	230 VAC, 50/60 Hz
	120 VAC, 50/60 Hz
	Max. power consumption: 440 VA
Garanti:	24 aylar
Girişimler:	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.
Kalibrasyon:	Automatic, 2-point; frequency freely programmable
Koruma sınıfı:	Analyser cabinet: IP44 / Panel PC: IP65
Kutudakiler:	EZ7821 Total Phosphorus Analyser, Instruction Manual, 1 x Double Bit Door Key, 1 x Mounting Brackets and empty Containers for Reagents with Fittings
Malzeme:	Hinged part: Thermoform ABS, door: PMMA
	Wall section: Galvanised steel, powder coated
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:	0.005 - 1 mg/L TP
Ölçüm metodu:	Colorimetric measurement at 700 nm using ascorbic acid reduction and molybdate colour solution after persulphate digestion in acidic medium, conform with APHA 4500-P
Ölçüm süresi:	Standard measurement cycle time for TP: 30 minutes
Ortam sıcaklığı:	10 - 30 °C, ± 4 °C deviation at 5 - 95% relative humidity (non-condensing)
Parametre:	Total Phosphorus (TP)
Reaktif gereksinimi:	Keep between 10 - 30 °C
Saptama limiti:	≤ 0.005 mg/L
Sertifikalar:	CE compliant / ETL certified
Toprak bağlantısı:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm²

## Kutudakiler

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