



## **EZ9200 Microfiltration System, for immersion, pore size 0.04 µm, 3 m tubing**

**Product #:** EZ9200.XX070A01

**AED Price:** Contact Hach

### **Self-cleaning microfiltration system - compatible with EZ1000 and EZ2000 colorimetric analysers**

#### **About the EZ9000 Series**

The successful implementation of online analysers in process control strategies could not have been achieved without the development of a new generation of automatic sampling and sample preconditioning systems. The EZ9000 Series are the result of many years of field experience in combining analysers with filtration units.

#### **Simplified operation by self-cleaning action**

All preconditioning systems are designed for fully automatic operation and require virtually no human intervention. A blowback action by instrument air is incorporated in all systems. This fundamental design principle does not merely allow trouble-free sampling, moreover it contributes to high up-times.

The EZ9200 is a filtration system designed especially for colorimetry applications where absorbance interference may present an issue. The unit uses a hydrophilic PES membrane that wets out quickly and with a large effective membrane surface for superior flow rates. The membrane preferably sits in a buffer container mounted on the filtration panel. Prime features include:

- Membrane filter with pore size <1 µm designed for immersion in a buffer container, also directly (in situ)
- Automatic cleaning by instrument air
- Static Pressure Regulator assures a constant, readily available sample level
- PLC or analyser controlled cleaning frequency

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### **Specifications**

Cleaning:	Automatic cleaning by means of instrument air
Dimensions (H x W x D):	1150 mm x 750 mm x 200 mm
Drain:	Sample return line 1" BSF; overflow Static Pressure Regulator 3/8" OD
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm <sup>2</sup>
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Material:	Filter: SS PES (polyethersulphone)
	Piping: PVC

	Tubing: Norprene, PFA, PE
	Static Pressure Regulator: PMMA
	Panel: weather resistant Trespa
Number of sample streams:	1 stream
Pore size:	0.04 µm
Power:	24 VDC, powered by analyser or external supply
Protection class:	IP55
Sample temperature:	Max. 65 °C
Size:	0.04 µm
Special Features:	Microsize Immersion Version
Tubing:	Up to 3 m

#### Optional:

- up to 3 m with heating
- up to 6 m
- up to 6 m with heating
- up to 10 m
- up to 10 m with heating
- up to 15 m
- up to 15 m with heating
- up to 20 m
- up to 20 m with heating

Weight:	18 kg
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