



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

Kat. číslo produktu: EZ9200.XX070A01

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Dostupné

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

Technické údaje

Cleaning:	Automatic cleaning by means of instrument air
Earth connection:	Dry and clean earth pole with low impedance (< 1 Ohm) using an earth cable of > 2.5 mm ²
Hadice:	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
Hmotnost:	18 kg
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Materiál:	Filter: SS PES (polyethersulphone)
	Piping: PVC
	Tubing: Norprene, PFA, PE
	Static Pressure Regulator: PMMA
	Panel: weather resistant Trespa
Napájení:	24 VDC, powered by analyser or external supply
Odtok:	Sample return line 1" BSF; overflow Static Pressure Regulator 3/8" OD
Počet proudů vzorku:	1 stream
Rozměry (V x Š x H):	1150 mm x 750 mm x 200 mm
Size:	0.04 µm
Speciální funkce:	Microsize Immersion Version
Teplota vzorku:	Max. 65 °C
Třída ochrany:	IP55
Velikost póru:	0.04 µm