



EZ9130 Heavy-duty Filtration System for digestate samples, pore size 500 µm, 1 stream

Product #: EZ9130.XX340091

ZAR Price: Contact Hach

Universal self-cleaning filtration for digestate samples - compatible with the EZ7200 Series

About the EZ9100 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 EZ9100 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. Basically all systems are incorporated either with a blow-back action by instrument air, or a specific cleaning cycle. This fundamental design principle does not merely allow trouble-free sampling, moreover it contributes to high up-times.

The EZ9130 is a filtration system developed specifically for sampling wet type anaerobic digesters to make solid-free samples available for online analysis. Devoid of overly complex engineering, the filtration can handle the difficult properties of sludge and wastewaters charged with high levels of insoluble constituents:

- Self-cleaning sample filtration with various pore sizes
- Large-bore pneumatic ball valves for sample and drain
- Automatic cleaning by solenoid controlled instrument air
- PLC or analyser controlled cleaning frequency

Specifications

Cleaning:	Automatic blowback by solenoid controlled instrument air
Dimensions (H x W x D):	1150 mm x 750 mm x 200 mm
Drain:	Overflow sample D=50 mm; 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 ²
Instrument air:	Dry and oil free according to ISA-S7.0.01-1996 quality standard for instrument air
Material:	Filter: SS 316L
	Piping: PVC

Manual ball valves: PVC

Tubing: Norprene, PFA, PE

Panel: weather resistant Trespa

Number of sample streams: 1 stream

Optional:

1 to 8 streams

Pore Size: 500 µm

Power: 24 VDC, powered by analyser

Protection Class: IP55

Required fast loop: 2 m/s

Rinse water pressure: 3/8" BSPF, 4 bar max.

Sample Temperature: Max. 65 °C

Size: 500 µm

Special Features: Heavy Duty (Anasense)

Special Remarks: Backflush valve controlled by Analyzer

Weight: 18 kg