



Filtrax sample filtration system, 2 m non-heated pressure hose, 230 VAC

Product #: LXV294.99.01000
AED Price: Contact Hach

Filtrax filtration technology for more reliable operation.

The sample filtration system continuously extracts sample directly from for example the aeration basin. The filter membranes are automatically cleaned using air.

This system prepares samples through two ultra-filtration membranes (0.15 µm) that are immersed in the process tank. Two small peristaltic pumps pull the sample through one filter at a time, allowing for optimal cleaning of the other. The sample filtration system automatically cleans both filter membranes while immersed by forcing a vigorous stream of air bubbles against the sides of the filter modules. This system is ideal for outdoor use in any climate. Virtually maintenance free, all tubing is completely accessible and easy to replace. Moving parts never come into contact with the sample. The system self-monitors flow rate across the filter media. One programmable alarm relay can be used to alert operators to inspect the system when flow decreases, and a second relay can shut the unit down if flow decreases further.

High permeate quality

Low operating cost

Continuous air cleaning minimizes cleaning required

No need for an expensive, high maintenance submersible pump

Works reliably, even with high sludge volume index or floating sludge

Specifications

Ambient temperature:	-20 - 40 °C
Automatic cleaning:	Yes
Certifications:	CE, UL, CSA
Delivery Height:	From membrane to control unit: 3 m maximum
Delivery height:	From control unit to measuring instrument: 7 m maximum
Dimensions:	Control unit: 430 x 530 x 220 mm (W x H x D)
Enclosure waterproof rating:	IP55
Hose length:	From membrane to control unit: 5 m heated hose (vacuum side)
Interface:	Service interface: RS 232
Maintenance requirements:	Approximately: 1 hour / month
Output:	Two programmable potential free contacts (115V or 230V, max. 3 A)
pH Range:	5 - 9 pH

Power requirements (Amps):	6.0 A
Power requirements (Hz):	50 - 60 Hz
Power requirements (Voltage):	230 V AC
Sample suction hose:	20 m (heated sample hose)
Sample temperature:	5 - 40 °C
Sample volume:	Approximately 900 mL/h suitable for up to 3 process instruments
Warranty:	24 months
Weight:	Module carrier incl. membranes and 5 m suction hose: 9 kg approximately
Wetted Materials:	Filtermodule carrier metal parts: 1.4571
	Welded nuts: 1.4305, 1.3401
	Fittings/connectors: 1.4571
	Fittings: PP
	O-rings: NBR
	Heated tube: PVC
	Sample tube: PTFE
	Filter module: ABS, PP/PE, 1.4401
What's included?:	Filtration system, module holder, delivery hose, user manual

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