

Patented extremely robust double-walled thermoplastic housing



Features:

Cost-effective sampling solutions for standard applications	Custom sampling solutions with large sample containers with superior cooling capacity.
Top-quality custom or standard-built samplers	Condenser section with airflow
Wide range of sampling principles according to ISO 5667	Standard with coating on cooling section
Patented extremely robust, chemical-resistant and stable thermoplastic housing	SS316 evaporator
Excellent insulation for cooler use (1 to 5 °C) according to ISO 5667	2-5 °C with display
Long service life in harsh environments (5-year warranty on housing)	ISO 5667-3
Robust double-walled thermoplastic housing	Environment - 25 °C to +40 °C
Use of so many standard components for easy global service support	Warranty period 60 months on thermoplastic housing. 24 months on electronic components excluding wear parts.

Distributed by:



Mobile measuring set



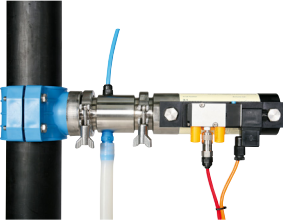
Economy sampler



Industrial sampler

3 Different sampling principles according to ISO 5667-2 & NEN 6600 - 1

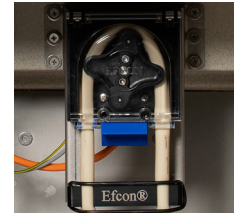
Heavy Duty Guillotine sampler for raw or waste water (3 types available)





Vacuum sampler with high suction speed up to 8 metres



Peristaltic sampler with 9mm throughput



Technical specifications:	Economy	EFCON Industrial
Material:	Patented PE fibre-reinforced double-walled design with a 5-year warranty on the housing	Patented PE fibre-reinforced double-walled design with a 5-year warranty on the housing
Colour:	Green / white marble look	Green / white marble look
Polyurethane foam:	40 to 60mm	60 to 80mm
Dimensions W x D x H:	600 × 600 × 1050 mm +/- 2%	750 × 750 × 1500 mm +/- 2%
Weight:	+/- 55 kg empty	+/- 75 kg empty
Main switch:	Optional	Optional
Coated condenser:	Yes	Yes
Cooler and heater:	Stainless steel 316 evaporator for high-capacity cooling	Stainless steel 316 evaporator for high-capacity cooling
Cooler media:	R134-A	R134-A
Sample storage temperature:	2 to 5 °C according to ISO 5667-3	2 to 5 °C according to ISO 5667-3
Operating environment:	-25 to +40 °C	-25 to +40 °C
Frost-free protection:	Yes	Yes
IP class:	Electronics IP 65, cooled area IP 54, compressor area IP 23	Electronics IP 65, cooled area IP 54, compressor area IP 23
Container configurations:	24 × 1 - 12 × 2 - 4 × 15 - 2 × 25 L 1 x up to 60 L 2 × 10 L self-emptying and self-cleaning	6 × 18 - 4 × 30 - 4 × 20 - 2 × 55 L 1 x up to 60 L 3 × 17 L self-emptying and self-cleaning
Systembox WXDxH:	600 × 400 × 1050 mm +/- 2% single-walled	450 × 750 × 1500 mm +/- 2% single-walled
Systembox heating:	Optional +/- 50 watt tracing	Optional +/- 50 watt tracing
		
Controller:	Jazz	EFCON Vision
Application:	Set and forget	Optimal HMI and full options
Flow input:	Potential-free pulse contact & 4-20mA active	Potential-free pulse contact & 4-20mA active
Sampling programme:	Flow & Time proportional, Batch	Flow & Time proportional, Batch
Alarm output:	2x potential-free contact NC/NO	1x potential-free contact NC/NO
Container change:	Set to clock &/or number of samples	Set to clock per day &/or number of samples
Data tracking:	24 lines, with time & date stamp	12 × 2000 lines internal table & on micro SD card
Open channel flow meter:	-	Optional, various gutter types & formulas
Communication:	Modbus TCP/RTU optional	Profibus optional, Modbus TCP optional
Internet connection:	-	Optional