

Wastewater sampling stations

Patented extremely robust double-walled thermoplastic housing



Economy-sampler



Econ industrial-sampler

Features:

Cost-effective sampling solutions for standard applications

Top-quality custom or standard-built samplers

Wide range of sampling principles according to ISO 5667

Patented extremely robust, chemical-resistant and stable thermoplastic housing

Excellent insulation for cooler use (1 to 5 °C) according to ISO 5667

Long service life in harsh environments (5-year warranty on housing)

Robust double-walled thermoplastic housing

Use of so many standard components for easy global service support

Custom sampling solutions with large sample containers with superior cooling capacity.

Condenser section with airflow

Standard with coating on cooling section

SS316 evaporator

2-5 °C with display

ISO 5667-3

Environment - 25 °C to +40 °C

Warranty period 60 months on thermoplastic housing.
24 months on electronic components excluding wear parts.

Distributed by:



Mobile measuring set



Economy sampler

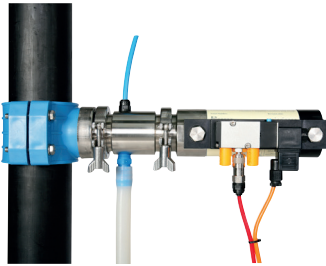


Industrial sampler

seraya
engineering

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

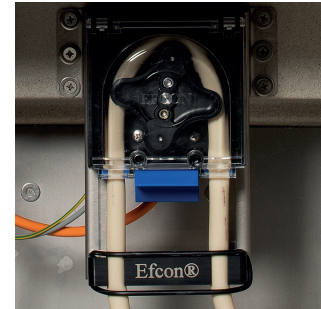
Heavy Duty Guillotine sampler for raw or waste water (3 types available)





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 x 600 x 1050 mm +/- 2%	750 x 750 x 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 x 1 - 12 x 2 - 4 x 15 - 2 x 25 L 1 x up to 60 L 2 x 10 L self-emptying and self-cleaning	6 x 18 - 4 x 30 - 4 x 20 - 2 x 55 L 1 x up to 60 L 3 x 17 L self-emptying and self-cleaning
Systembox WxDxH:	600 x 400 x 1050 mm +/- 2% single-walled	450 x 750 x 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 x 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