

# Wastewater sampling stations

Patented extremely robust double-walled thermoplastic housing



## 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



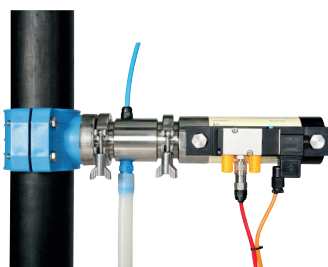
Economy sampler



Industrial sampler

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

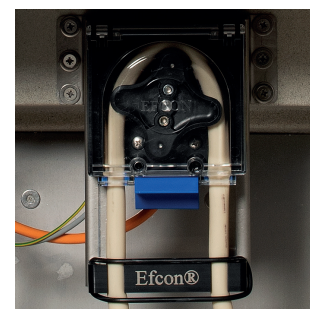
Heavy Duty Guillotine sampler for raw or waste water (3 types available)





Vacuum sampler with high suction speed up to 8 metres



Peristaltic sampler with 9mm throughput



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