

## 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:



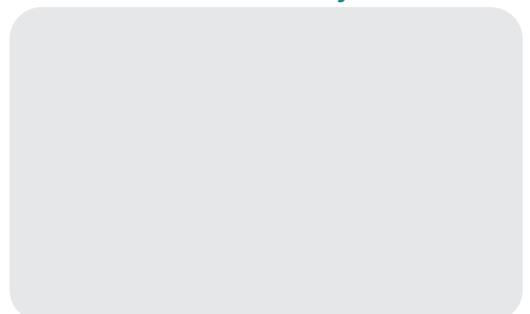
Mobile measuring set



Economy sampler

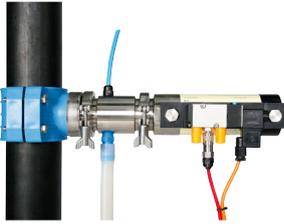


Industrial sampler



# 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
<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 × 600 × 1050 mm +/- 2%	750 × 750 × 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 × 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
<b>Systembox WxDxH:</b>	600 × 400 × 1050 mm +/- 2% single-walled	450 × 750 × 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 × 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

**EFCON® Water B.V. | [www.efconwater.com](http://www.efconwater.com)**

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