

**Best in the Business**

**EFCON<sup>®</sup> water**  
EFFLUENT CONTROL SYSTEMS

**DISTRIBUTOR**



Flow  
Level  
Pumps  
Analytic

**Samplers**

Abwasser Probenahme

Wastewater Samplers

Preleveurs

Afvalwater monstername

**EFCON<sup>®</sup> Patented Robust Duall Wall Thermoplastic Enclosure**  
Ambient of -25°C up to +40°C

**Superior Refrigeration Unit**

- Airflow Condenser section
- Coating on Cooler section
- Airflow SS316 Evaporator
- 2°-5°C acc. EN 16479, EN ISO 5667-3 and NEN 6600-1
- R134A

**Insulation**

PUR 60 – 80 mm foamed

**Dimensions**

± 750 x 750 x 1500 mm

**Empty Weight**

± 75 Kg



**LCD Display Jazz Controller**

- Time & Flow prop.sampling
- Event Trigger prop.sampling
- Pulse divider
- Start / Stop time
- Distributor turn time / day
- Overfill protection software
- Sampling protocol
- Alarm Output (option 2)
- Input Pulse & Current
- ECO Cooler
- MODBUS/PROFIBUS

**Main Switch**

**5 selectable sampling principles**

According EN 16479, EN ISO 5667 and NEN 6600-1

**2x Pull In & PADLOCK Door**

**Big Volume containers**

**Efcon<sup>®</sup> Industrial Sampling Systems**

Acc. EN 16479, EN ISO 5667-2&3&10 and NEN 6600-1

Efcon<sup>®</sup> Industrial Samplers are purpose build units for industrial end-users. The simple & robust Industrial Sampler has separate spaces for sample storage, electronics and cool-unit section with XXL containers.

Efcon<sup>®</sup> Industrial samplers are equipped with a UNITRONICS Jazz or UNITRONICS Vision 130 controller. The Jazz features all standard applications and can be prepared for BUS systems. The Vision is used for customised applications and can be adjusted for ethernet, data Logging, open channel flowmeter, pumpcontrol etc..

**Warranty period when installed according to the installation manual**

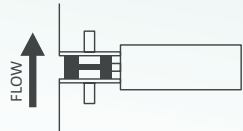
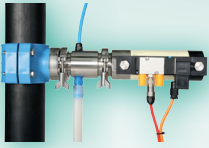
- Thermoplastic enclosure: 4 year
- 24 months / not including wear- and tear parts
- Delivery time: Please contact your dealer.

1 of 2



# 5 Sampling Principles to select:

EN ISO 5667, NEN 6600-1



## ILS Guillotine Sampler

- Heavy Duty In Line Sampler from closed pipes
- Raw waste water & sludge sampling

### Advantages

- 6-10 Bar Actuator
- Simplicity of the system
- Stainless Steel house and cylinder
- For Raw Wastewater
- No sensors in medium
- Up to 2.5 Bar (standard) or 5 Bar medium pressure
- Optional SLUDGE model

EN 16479, EN ISO 5667, NEN 6600-1,



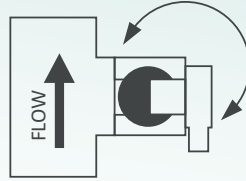
## Vacuum Sampler

- Suction sampler from open channels or wires
- 21x16 mm tubing
- Preferred for WWTP above peristaltic principle

### Advantages

- 24 VDC Actuators
- Above the ground mounting
- Most common use Principle
- Self protecting against solids
- Options to higher suction levels

EN ISO 5667, NEN 6600-1



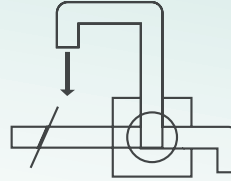
## ILS2W Sampler

- In Line Sampler from closed pipes
- Up to 4 bar medium pressure
- No raw waste water

### Advantages

- 24 VDC or 6 bar Actuator
- Simplicity of the system
- Several materials to select (SS316/PVC/PP)
- No sensors in medium
- Selectable pressure class
- Low maintenance interval
- Simple unit

EN ISO 5667, NEN 6600-1



## ILS3W Sampler

- In Line Flush through Sampler from closed pipes
- Up to 16 Bar medium pressure
- No raw parts

### Advantages

- 24 VDC or 6 Bar Actuator
- Simplicity of the system
- Several materials to select (SS316/PVC/PP)
- No sensors in medium
- Selectable pressure class
- Low maintenance interval
- Flush Water

EN 16479 and EN ISO 5667



## Peristaltic Sampler

- Suction Sampler from open channels or wires
- 12x9 mm Tubing Sampler
- Not recommended for billing purposes

### Advantages

- 24 VDC Actuator
- Above the ground mounting
- Well known Principle
- Commonly used for portable equipment
- Simple Principle
- 1 moving Pump
- Low cost

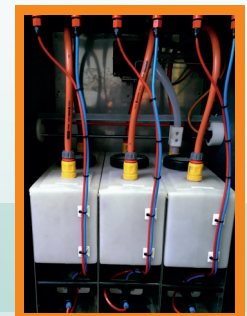
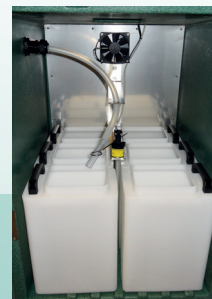
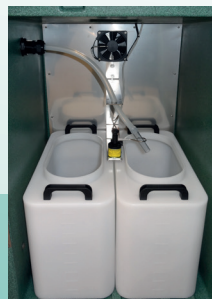
## Efcon® Industrial Systembox

Option: Efcon® Industrial wastewater samplers with extra systembox enclosures. An 'All Weather Systembox' you can mount Tracing, Flowmeters, Analytics, etc.



## Direct distribution system

- 2 x 55 Ltr, 4 x 30 Ltr or 6 x 18 Ltr containers
- Auto Drain & Auto Clean 3 x 17 Ltr
- Material containers: PE



## Fully automatic

Auto Drain & Auto Clean  
3 x 17 Ltr