

Wastewater samplers

acc. ISO 5667 / EN 16479 / NEN 6600-1

SAMPTEC.NL

Next generation samplers, sustainable by design!

- ✓ Future focussed
- ✓ Recyclable cabinet
- ✓ R290 - GWP3 refrigerant



Starting
€ 4.200,-

Your discount
contact TEC42

Samptec samplers consist:

- ✓ Robust outdoor PE enclosure made with recycled plastic / fully recyclable
- ✓ Easy removable cooler / reusable cooler with SS316 evaporator
- ✓ Future proof cool refrigerant R290a GWP 3
- ✓ Safety first, ULV hardware 24VDC
- ✓ User & maintenance friendly



Samptec PLC

Sample on: Flow pulse / Flow current / Time / Batch
Next container on: Time / Overflow protection
Scheduler: Start on date
Temperature control: Cool unit & heater



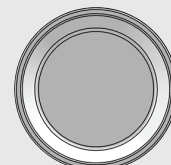
Upgrade to **SIEMENS** S7-1200 + MTP400

- + Standard functions
- + Logging of flow & samples direct on usb
- + Sample on calendar
- + Open channel flowmeter
- + Remote control via Lan or SIM card
- + Pump controller
- + Siemens full options

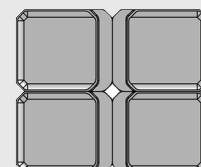


Container options

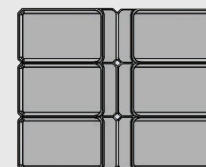
1 x 25L / 1 x 50L



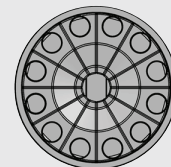
4 x 10L / 4 x 20L



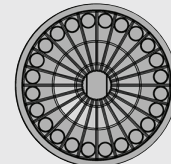
6 x 10L



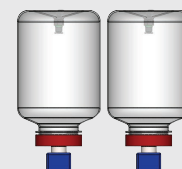
12 x 2L



24 x 1L



2 x 10L SE Drain & Clean



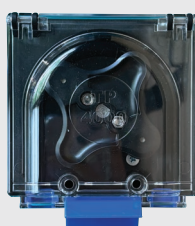
Sampling methods

Vacuum



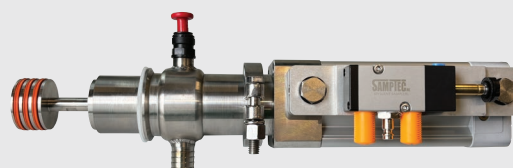
d - 12 of 10 mm
hmax 7m
acc.
ISO 5667-10
EN 16479
NEN 6600-1
Pneumatic pincher

Peristaltic



d 9mm
hmax 6m
acc.
ISO 5667-10
EN 16479

Wide range of inline samplers Pneumatic & Electric



Acc.
ISO 5667-10
NEN 6600-1

Several patents pending on product



MADE IN HOLLAND

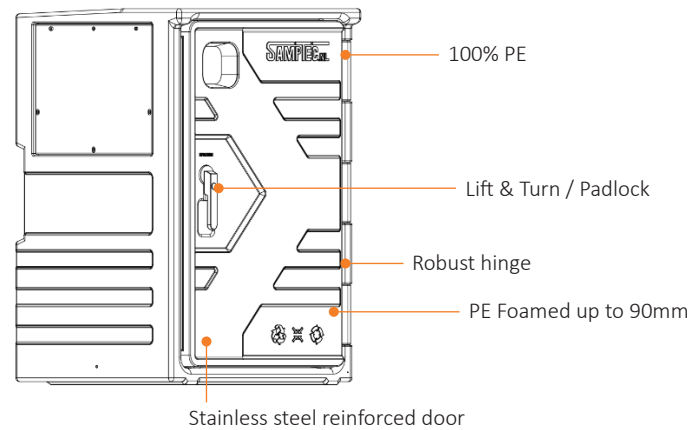
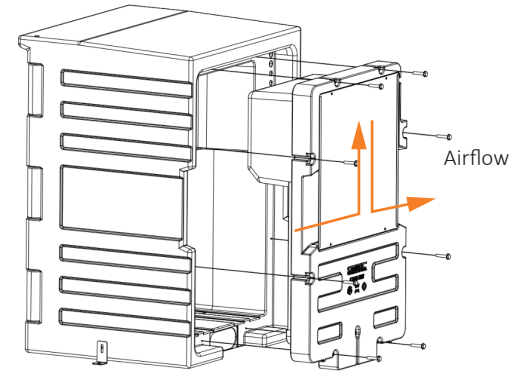


Samptec® is a TEC42 product
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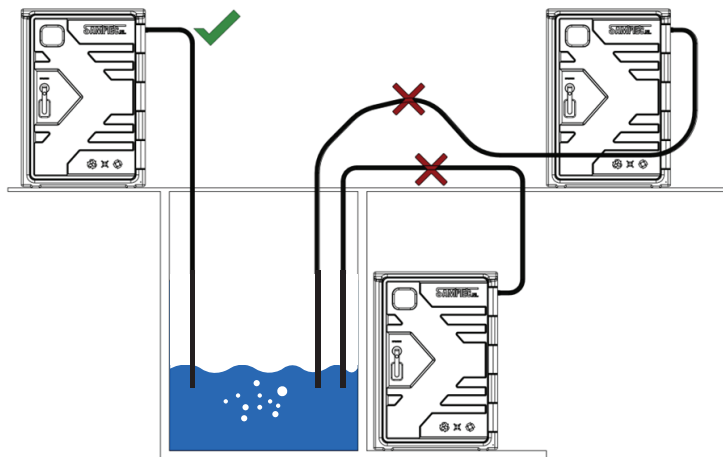
Technical specifications

Dimensions & Weight	+/- 620 x 690 x 1000mm L x W x H, +/- 60 kg
Cool unit back pack	Purpose build 24VDC / R290a Cooler / SS316 long life Evaporator
Heater	+/- 40 W standard sealed
Program	Time / flow / batch / event
Input	4-20mA / pulse
Output	Alarm configurable
Language	Main menu in EN / IT / DE / NL / TU / FR / SP / PL
Power supply	110-230V 50/60Hz => ULV Hardware
IP Electronics	65
IP Cooler	54



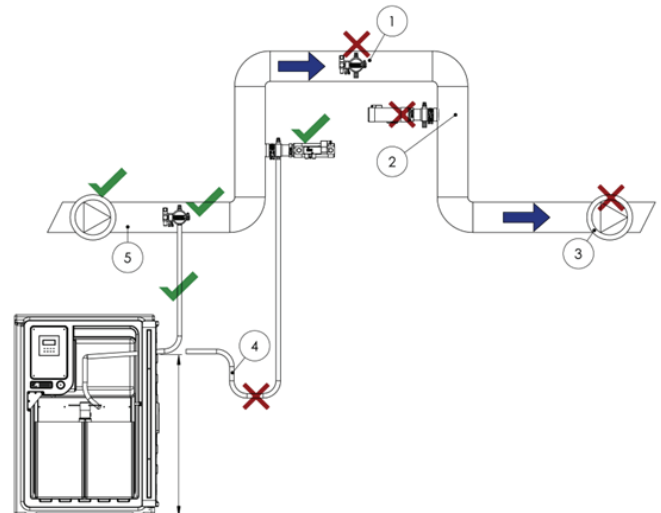
Installation instructions

Vacuum & Peristaltic



- Make sure the sample spot is turbulent and homogenies
- Route the suction line with a downward gradient to the sampling point
- Avoid siphoning effects in the suction line
- Do not route the suction line with an upward gradient to the sampling point
- Install as close to the sampling point as possible
- Minimum slope of 5%

Inline samplers



100% filled pipes

Install drain for maintenance (5)

Mount sampler as close as possible & higher than enclosure

Vmin horizontal = 0.3m/s

NOT at highest point (1)

NOT in downward pipe (2)

NOT in front of pump (3)

Avoid nots & curves in outlet hose (4)

Avoid dead zone sampling

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