

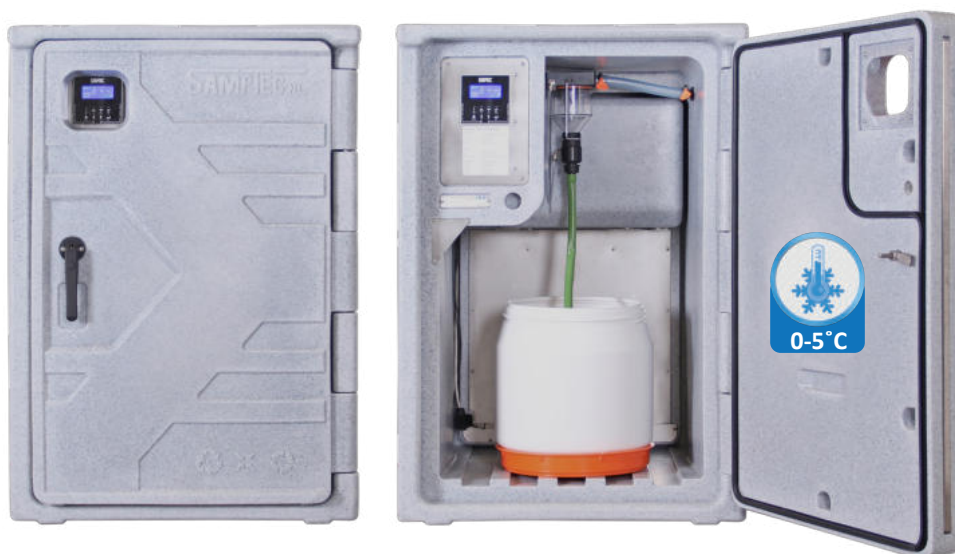
Vacuum wastewater Samplers

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

SAMPTEC.NL

Next generation samplers, sustainable by design!

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

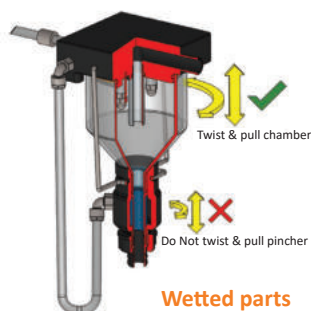


Samptec samplers consist:

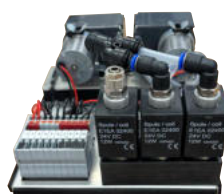
- ✓ Robust outdoor PE enclosure made with recycled plastic / fully recyclable
- ✓ Easy removable cooler / reusable cooler with SS316 evaporator
- ✓ Future proof cool refrigerant R290a GWP 3
- ✓ Safety first, ULV hardware 24VDC
- ✓ User & maintenance friendly



Main Vacuum Components



Wetted parts



VacPack 24VDC

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



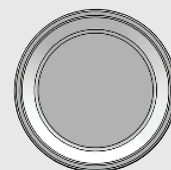
Upgrade to SIEMENS S7 - 1200 + MTP400

- + 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
- + Custom software on request

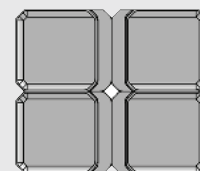


Container options

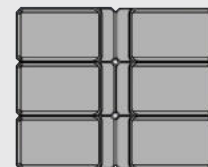
1 x 25L / 1 x 50L



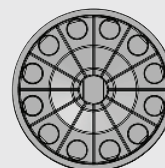
4 x 10L / 4 x 20L



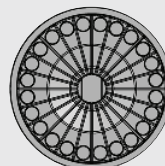
6 x 10L



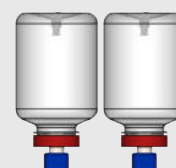
12 x 2L



24 x 1L



2 x 10L SE
automatic Drain & Clean



Product patented



MADE IN HOLLAND

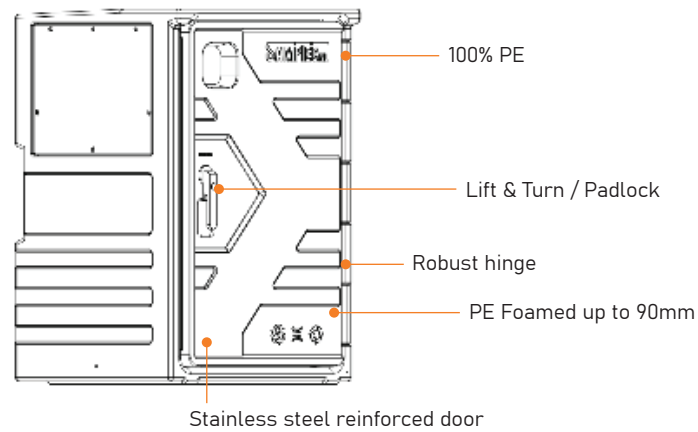
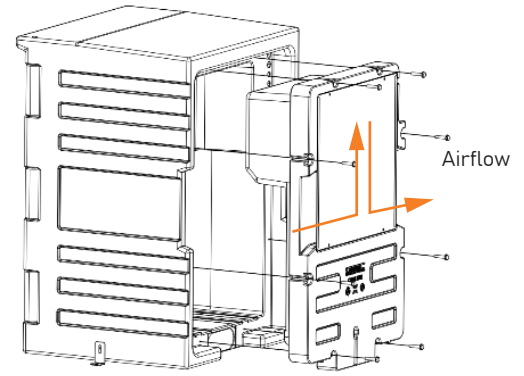


Samptec® is a TEC42 product
TEC42.COM B.V.
Mijlweg 9-4, 4131PJ Vianen, The Netherlands

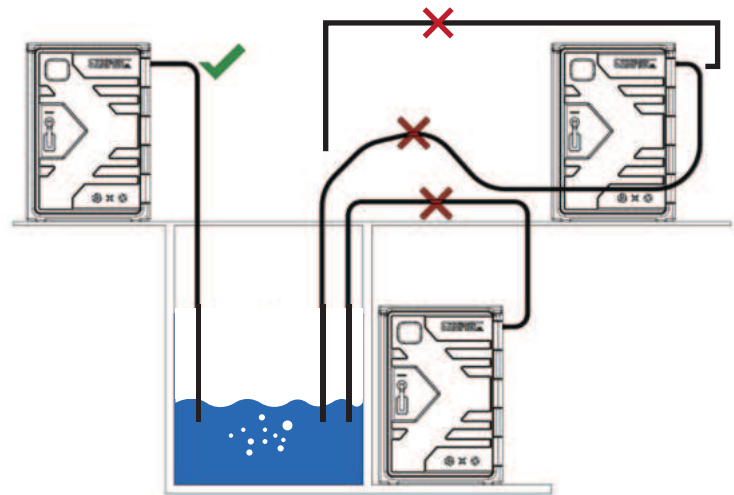
info@TEC42.com
+31 85 0600642

Technical specifications

Enclosure material	100% PE polyethylene, fully recycable with thickness up to 90 mm.
Dimensions & weight	± 620 x 690 x 1000 mm D x W x H, ± 60 Kg
Working ambient	-25°C + 40°C
3 separated sections	E-Parts IP65, Cooler IP54 storage IP65
Power supply	110/230VAC – 50/60Hz, Internal hardware all 24 VDC ULV
Cool unit	Factory filled and assembled, temperature regulation between +2 and +5° Evaporator ASI316/ Coated condenser & Compressor / IP68 FAN SECOP 24 VDC/8A Compressor with internal safety switch
Refrigerant	0.032 Kg R290A with GWP 3
Heater	40 W sealed in cool unit
Main menu	EN / IT / DE / NL / TU / FR / SP / PL Detailed programming in English
SAMPTEC PLC	Display 4-line alphanumeric backlit 8 dedicated function keys Internal clock with battery backup 2 Direct Sampling & bottle change buttons protection password
SIEMENS	OPTIONAL S7-1200 with HMI MTP400 for Custom solutions
Inputs	1x Analog 4-20mA 1x Digital configurable as Pulse 100ms or batch contact
Output	1 digital general alarm
According to	Vacuum sampling EN 16479 / ISO 5667-3&10 / NEN 6600-1 CTCV / VTCV acc to EN 16479
Suction height	Max 7 mtr with PVC d15 mm tube
Sample interval	1 to 1440 minutes or 0.01 m3 till 250 m3
Sample volume	20-250 ml adjustable by cutting PVC tube (default ±50CC).
Sample program	Time / flow pulse / flow current / batch / event CTCV / VTCV acc to EN 16479
Error samples	Programmable from 0 - 99 signal alarm or specific alarm situation
Container change	Automatic on programmed RTC or overflow
Overflow protection	Increased by the number of samples Stop sampling or next container
Material wetted parts	POM, PP, SI, PC, PE, ss316



Installation instructions



- 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

Product patented



MADE IN HOLLAND



Samptec® is a TEC42 product
TEC42.COM B.V.
Mijlweg 9-4, 4131PJ Vianen, The Netherlands

info@TEC42.com
+31 85 0600642