

Model TP5 C - Passive

Portable Sampler with Passive Ice Block Cooling



Suspension bar for use in sewers with suspension harness



Dosing system Vacuum container

- ◆ **Vacuum or Peristaltic pump options**
- ◆ New, direct connection via USB of an external multi-parameter portable meter pH/Cond/Temp (Option)
- ◆ Highly accurate sample volume
- ◆ Minimal effort for calibration (Peristaltic pump)
- ◆ Transport trolley (Option)
- ◆ Clear operating structure and simple programming
- ◆ LAN/GPRS/Web communication (Option)
- ◆ Easy cleaning
- ◆ Modern and ergonomic design
- ◆ Long battery run-time thanks to »sleep mode«
- ◆ 2nd dosing tube for changing the sample volume (Vacuum)
- ◆ Sample cooling with ice packs/dry ice

Technical Specifications

Housing	PE/PC (GF10) Doublewalled, insulated lower part
Control	Microprocessor control, foil keypad, back lit display Option: with PC software or LAN/GPRS/WEB communication (2 year ring memory FIFO at 1 min interval)
Programming	12 freely programmable programs, user-friendly software
Interface	MiniUSB, optional: Ethernet RJ45, SDI-12
Signal Inputs	2 x analog: 0/4–20 mA, max. working resistance 500 Ohm 8 x digital (Flow, Event, 1 x free programmable) Impulse length 60 ms, switching level 7–24 V
Signal Outputs	8 digital outputs, 1 x of them as collective malfunction message
Sampling Method	Vacuum 20–350 ml
Suction Height	6,5 m (at 1000 hPa)
Pumping Speed	> 0,5 ms at suction height up to 5 m (at 1000 hPa)
Suction Hose	PVC, L=5 m, ID=10 mm (max. hose length 20m)
Sampling Modes	Time, flow, event-related and manual sample
Bottle Variants	24 x 1 L PE (standard version) 1 x 10 L; 1 x 25 L, 2 x 13 L; 4 x 5 L; 16 x 1 L PE incl. freezer packs
Overall Dimensions	787 x 510 x 468 mm (hwxwd)/Insulating box passive
Weight	approx. 25 kg: Iso-box with passive cooling (24 x 1 L)
Power Supply	sampler 12 V/10 Ah battery/with charger IP44 oder IP67
Ambient Temperature	0° to +50° C
Sample Temperature	0° to +40° C
Standards	CE, sampling according to ISO 5667-10, EN 16479

