

# Model TP5 C - Active

## Portable Sampler with Active Compressor Cooling



Active cooling 12/115/230 V  
variant 24 x 1 L



Charger IP44 (Indoor) and  
IP67 (Outdoor)

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

### Technical Specifications

<b>Housing</b>	PE/PC (GF10) Doublewalled, insulated lower part
<b>Thermostatic Control</b>	compressor cooling (12 V/115 V/230 V)
<b>Control</b>	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)
<b>Programming</b>	12 freely programmable programs, user-friendly software
<b>Interface</b>	MiniUSB, optional: Ethernet RJ45, SDI-12
<b>Signal Inputs</b>	2 x analogue: 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
<b>Signal Outputs</b>	8 digital outputs, 1x of them as collective malfunction message
<b>Sampling Method</b>	Vacuum 20–350 ml
<b>Suction Height</b>	6,5 m (at 1000 hPa)
<b>Pumping Speed</b>	> 0,5 ms at suction height up to 5 m (at 1000 hPa)
<b>Suction Hose</b>	PVC, L=5 m, ID=10 mm (max. hose length 20m)
<b>Sampling Modes</b>	Time, flow, event-related and manual sample Option: variable flow-proportional sampling
<b>Bottle Variants</b>	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
<b>Overall Dimensions</b>	1.028 x 550 x 468 mm (h x w x d)/Insulating box active
<b>Weight</b>	approx. 40 kg; Isobox with active cooling (24 x 1 L)
<b>Power Supply</b>	Sampler 12 V/ 10 Ah battery/charger IP44 or IP67 active box 230 V–50 Hz/115 V–60 Hz/12 V battery
<b>Ambient Temperature</b>	0° to +50° C
<b>Sample Temperature</b>	0° to +40° C
<b>Standards</b>	CE, sampling according to ISO 5667-10, EN 16479

