

portable samplers
TP 5 line

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TP 5 C

Compact device with integrated distributor and diverse bottle options.
Insulating box with passive or active cooling.



Combinations



Device with optional isobox, active cooling

Type:	portable sampler
Housing:	PE/PC (GF10)
Thermostatic control:	insulated lower part (sample compartment, insulation 40 mm) option: freezer packs (200 x 10 x 8 mm) option: compressor cooling (12 V/115 V/230 V)
Control:	microprocessor control, foil keyboard, graphical display (128 x 64 Pixel), back lit
Data logger:	3000 entries, nonvolatile data memory; expandable to 32GB
Programming:	12 freely programmable user programs, with function to link programs.
Interface:	Mini-USB, RS422/485, RS 232; optional: Ethernet RJ45
Communication:	optional in combination with PC software, LAN/WLAN TCP/IP
Languages:	multi-language, selectable
Signal inputs:	2 x analogue: 0/4–20 mA 8 x digital (flow, event, 1 inputs can be programmed freely)
Signal outputs:	8 digital outputs, 1x of them as collective malfunction message option: expandable with 8 digital, 5 are freely programmable
Sampling method:	Vacuum system 20–350 ml; Vacuum VAR (variable) system 5–250 ml; Peristaltic pump
Suction height:	max. 6,5 m (at 1.013 hPa); option: 8 m
Pumping speed:	> 0,5 m/s at suction height up to at least 5 m (at 1.013 hPa); pump capacity can be adjusted electronically
Suction hose:	PVC, L = 5 m, ID = 10 mm (max. hose length 20 m.)
Sampling modes:	time, flow-dependent, event-related and manual sample extraction option: flow-proportional
Bottle variants:	1 x 10 L; 1 x 25 L, 2 x 13 L; 4 x 5 L; 16 x 1 L PE incl. freezer packs / 24 x 1 L PE (standard version)
Overall dimensions:	787 x 510 x 468 mm (hwxwd) / Insulating box passive 1.028 x 550 x 468 mm (hwxwd) / Insulating box active
Weight:	approx. 25 kg; Isobox with passive cooling (24 x 1 L) approx. 40 kg; Isobox with active cooling (24 x 1 L) (Device incl. battery, empty bottles but no suction hose)
Power supply:	12 V/10 Ah lead storage battery, 115 V or 230 V battery charger
Power requirement:	up to 2.000 sample extractions per battery charge, according to ambient conditions. Power requirement with option "active cooling" according to ambient conditions.
Number of samples:	approx. 2000 sample extractions per battery charge
Ambient temperature:	0°–45° C
Sample temperature:	0°–40° C
Standards:	CE, sampling according to ISO 5667-2/3-10