

TP 4P-Compact portable sampler which can be combined with any type of composite container or an insulating box (isobox) with active or passive cooling. Fully automatic sampling according to the vacuum principle. Battery-operated 12V/10Ah.

Type Portable sampler

Housing Styrosun/PC (GF10)

Thermostatic control Option: in combination with an isobox, freezer packs or compressor cooling (12V/115V/230V)

Control Microprocessor control with 4 MB Flashrom, 32KB RAM (battery-buffered), 32 KB EEprom, 3 digital inputs and 8 digital outputs, 1 configurable analogue input, battery-buffered real-time clock. Operation by means of a waterproof foil keyboard (with keys 0-9, ESC, ENT, cursor) and 4 x 20 character back lit LC-display.

Programming 6 user programs (can be edited freely)

Communication RS 232

Data logger Yes

Modem/GSM Yes (option)

Languages Multi-language, selectable

Signal inputs 4-20 mA, optional 0-20 mA, digital

Dosing system Standard vacuum system 350 ml; variable vacuum system (VAR) 350 ml, diaphragm pump 12 V / 0,7 A, vacuum 6,0 m, pressure 0,8 bar, motor-driven valve system for change-over from pressure/vacuum/aeration

Suction height 6,5 m

Suction hose L=5 m, ID=9 mm

Bottle variants Optional: 13 l / 25 l composite container; 4 x 5 l PE bottle, 24 x 1 l PE bottle, 16x1 l PE bottle with freezer packs

Dimensions Sampler: 442 x 452 x 222 mm (h x w x d)

Isobox, passive cooling 534 x 510 x 430 mm (h x w x d)

Isobox, active cooling 775 x 550 x 468 mm (h x w x d)

Weight Sampler 11,6 kg, **Isobox, passive cooling (24 x 1 l)** 11,5 kg

Isobox, active cooling (24x1l) 24,0 kg

Power supply 12 V/ 10 Ah lead storage battery

Number of samples: Approx. 2000 sample extractions per battery charge [determined at 20° C ambient temp., 1,5 m suction height, 1 min. sampling interval with distributor advance]

Ambient temperature 0 - 40° C

Opt. coupler input 4-20 mA; minimum voltage approx. 3,3 V

Sample temperature 0 – 40° C

