

## **TP 4C-Portable sampler as compact device with integrated distributor and 24 bottles for fully automatic sampling according to the vacuum principle. Battery—operated 12V/10Ah.**

**Type** Portable sampler

**Housing** PE/PC (GF10)

**Thermostatic control** Option: compressor cooling (12V/115V/230V)  
Option: freezer pack (not possible at 24 x 1 l variant)

**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** 24x1 l PE bottle, optional: 13 l / 25 l composite container; 4 x 5 l PE bottle 16x1 l PE bottle with freezer packs

**Dimensions** (HxBxT) 787 x 510 x 468 mm  
(HxBxT) 1030 x 548 x 470 mm with compressor cooling

**Weight** 22,4 kg (24 x 1 l version)  
34,0 kg (24x1 l version with compressor cooling)

**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

**Standards** Device meets ISO 5667 standard

