

TP 4 P 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 ¹⁾ 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 |
| Standards | Device meets ISO 5667 standard |
| Accessories | Optional: - PC communication software for parameterisation, status control, data fetch and storage as excel file/text file/PDF file - Folding transport trolley |
| Make: | MAXX |
| Type: | TP4 P |
| Manufacturer: | MAXX Mess- und Probenahmetechnik GmbH, Hechinger Straße 41, D-72414 Rangendingen Phone +49(0)7471-98481 0 Fax +49(0)7471-98481 44 e-mail: info@maxx-gmbh.com internet www.maxx-gmbh.com |

Subject to technical changes.

*) Patent No. DE 19726550A1, DE 19726549A1 and VAR (variable) unit DE 10008623.3