

**MAXX** ®

Mess- und Probenahmetechnik GmbH



**acoem**

The New Style of  
Sampling Technology –  
Portable and Fixed  
Site Samplers



P6 L

## Technical data P6 at a glance

<b>Housing:</b>	Made of ABS and PP Double-walled, insulated lower part
<b>Control:</b>	Microprocessor control, foil keypad Option: LAN/GPRS-UMTS / WEB- communication 100 MB memory (2 Year ring memory-FIFO at 1 min interval)
<b>Interface:</b>	Mini-USB, RS 422, RS 232, optional: Ethernet RJ45
<b>Signal inputs:</b>	2 x analog: 0/4–20 mA
<b>Signal outputs:</b>	8 x digital, one of them as collective malfunction message
<b>Dosing system:</b>	peristaltic pump 20–10.000 ml / Vacuum 20–350 ml
<b>Suction height:</b>	Up to 8,5 m (at 1.013 hPa)
<b>Sampling modes:</b>	Time [CT, CV], Flow [VT, CV] or [CT, VV], variable Flow only peristaltic pump (Flow modes are controlled by an external flowmeter signal) Event, and Manual sampling
<b>Bottle variants:</b>	P6 L PE: 24 x 1 L/1 x 10 L/4 x 4 L/8 x 2 L Glass: 24 x 350 ml/12 x 950 ml/8 x 2 L P6 Mini Maxx: PE: 1 x 10 L; glass: 1 x 4 L
<b>Overall dimensions:</b>	P6 L: 500 x 740 mm (diam. x h) P6 Mini Maxx: 400 x 605 mm (diam. x h)
<b>Weight:</b>	P6 L approx. 15 kg (without battery) P6 MINI MAXX approx. 9 kg (without battery)
<b>Ambient temperature:</b>	0 to +50° C Sample temperature: 0 to +40° C
<b>Standards:</b>	CE, sampling according to ISO 5667-10, EN 16479



## Unique combination of design and technology

### Your advantages:

- > Innovative measuring device for volume determination
- > Highly accurate sample volume
- > Minimal effort für calibration
- > Clear operating structure and simple programming
- > LAN/W-LAN/Web communication (Option)
- > Easy cleaning
- > Modern and ergonomic design
- > Long battery run-time thanks to "sleep mode"
- > Integrated pump replacement tube  
(Versions with peristaltic pump)



P6 MINI MAXX with composite container



P6 L with 24 x 1 L



## Technical data TP5 C at a glance



<b>Housing:</b>	PE/PC (GF10)
<b>Control:</b>	Microprocessor control, foil keypad Option: LAN/GPRS-UMTS/WEB-communication 100 MB memory, [2 Year ring memory-FIFO at 1 min interval]
<b>Interface:</b>	Mini-USB, RS 422, RS 232; optional: Ethernet RJ45
<b>Signal inputs:</b>	2 x analogue: 0/4–20 mA 8 x digital (flow, event, 1 inputs can be programmed freely)
<b>Signal outputs:</b>	8 digital outputs, 1x of them as collective malfunction message option: expandable with 8 digital, 5 are freely programmable
<b>Sampling method:</b>	Peristaltic pump 20–10.000 ml / Vacuum 20–350 ml
<b>Suction height:</b>	up to 8,5 m (at 1.013 hPa)
<b>Pumping speed:</b>	> 0,5 m/s at suction height up to 5 m (at 1.013 hPa);
<b>Suction hose:</b>	PVC, L = 5 m, ID = 10 mm (max. hose length 20 m.)
<b>Sampling modes:</b>	Time (CT, CV), Flow (VT, CV) or (CT, VV), variable Flow only peristaltic pump (Flow modes are controlled by an external flowmeter signal) Event, and Manual 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>	787 x 510 x 468 mm (hxwxd) / Insulating box passive 1.028 x 550 x 468 mm (hxwxd) / Insulating box active
<b>Weight:</b>	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)
<b>Ambient temperature:</b>	0°–45° C
<b>Sample temperature:</b>	0°–40° C
<b>Standards:</b>	CE, sampling according to ISO 5667-10, EN 16479

## TP5 C – Compact device with integrated distributor insulating box with passive or active cooling

Your advantages:

- > Available with peristaltic pump or vacuum system
- > Highly accurate sample volume
- > Minimal effort for calibration
- > Clear operating structure and simple programming
- > LAN/UMTS/GPRS Web-communication (Option)
- > Easy cleaning
- > Modern and ergonomic design
- > Long battery run-time thanks to “sleep mode”
- > Active cooling with compressor 12/115/230 V



Active cooling box  
12/115/230 V



Control unit with  
peristaltic pump



## Technical data SP5 B at a glance



<b>Housing:</b>	PE with 50 mm insulation/PS/PC (GF10)
<b>Control:</b>	Microprocessor control, foil keypad Option: LAN/GPRS-UMTS/WEB-communication 100 MB memory, (2 Year ring memory-FIFO at 1 min interval)
<b>Interface:</b>	Mini-USB, RS 422, RS 232; optional: Ethernet RJ45
<b>Communication:</b>	optional in combination with PC software, LAN/WLAN TCP/IP
<b>Signal inputs:</b>	2 x analogue: 0/4-20 mA, 8 x digital (flow, event, 1 inputs can be programmed freely) option: expandable with 4x digital, 3 inputs can be programmed freely, and 8x analogue 0-20 mA or 0-10 V, Impuls length 60ms, switching level 7-24 V, max. working resistance 500 Ohm, max. length of signalcable 30 m
<b>Signal outputs:</b>	8 digital outputs, 1x of them as collective malfunction message option: expandable with 8 digital, 5 are freely programmable
<b>Sampling method:</b>	Peristaltic pump 20-10.000 ml / Vacuum 20-350 ml
<b>Sampling modes:</b>	Time (CT, CV), Flow (VT, CV) or (CT, VV), variable Flow only peristaltic pump (Flow modes are controlled by an external flowmeter signal) Event, and Manual sampling
<b>Suction height:</b>	up to 8,5 m (at 1.013 hPa)
<b>Bottle variants:</b>	plastic: 1 x 25 L; 4 x 14 L; 4 x 10 L; 12 x 2,9 L; 24 x 1 L; 24 x 1 L glass: 12 x 2 L; 24 x 1L
<b>Overall dimensions:</b>	(hxwxd) 1.100 (1.640 with opened top) x 760 x 775 mm
<b>Weight:</b>	approx. 75 kg with composite container, higher weight when using several bottles and/or glass bottles
<b>Ambient temperature:</b>	-20°-45° C
<b>Standards:</b>	CE, sampling according to ISO 5667-10, EN 16479

## SP5 B – Compact device in plastic housing

Your advantages:

- > Available with peristaltic pump or vacuum system
- > Highly accurate sample volume
- > Minimal effort for calibration
- > Clear operating structure and simple programming
- > LAN/UMTS/GPRS Web-communication (Option)
- > Easy cleaning
- > Modern and ergonomic design
- > Integrated pump replacement tube  
(Versions with peristaltic pump)



Dosing system peristaltic pump





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