The New Style of Sampling Technology – Portable and Fixed Site Samplers
## Technical data P6
**at a glance**

| **Housing:** | Made of ABS and PP  
Double-walled, insulated lower part |
| **Control:** | Microprocessor control, foil keypad  
Option: LAN/GPRS-UMTS / WEB- communication  
100 MB memory  
[2 Year ring memory-FIFO at 1 min interval] |
| **Interface:** | Mini-USB, RS 422, RS 232, optional: Ethernet RJ45 |
| **Signal inputs:** | 2 x analog: 0/4–20 mA |
| **Signal outputs:** | 8 x digital, one of them as collective malfunction message |
| **Dosing system:** | peristaltic pump 20–10.000 ml / Vacuum 20–350 ml |
| **Suction height:** | Up to 8,5 m [at 1.013 hPa] |
| **Sampling modes:** | 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 |
| **Bottle variants:** | 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 |
| **Overall dimensions:** | P6 L: 500 x 740 mm [diam. x h]  
P6 Mini Maxx: 400 x 605 mm [diam. x h] |
| **Weight:** | P6 L approx. 15 kg [without battery]  
P6 MINI MAXX approx. 9 kg [without battery] |
| **Ambient temperature:** | 0 to +50° C  
Sample temperature: 0 to +40° C |
| **Standards:** | 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)
Technical data TP5 C  
at a glance

Housing: PE/PC (GF10)
Control: Microprocessor control, foil keypad  
Option: LAN/GPRS-UMTS/WEB-communication  
100 MB memory, [2 Year ring memory-FIFO at 1 min interval]
Interface: Mini-USB, RS 422, RS 232; optional: Ethernet RJ45  
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: Peristaltic pump 20–10,000 ml / Vacuum 20–350 ml  
Suction height: up to 8,5 m [at 1.013 hPa]
Pumping speed: > 0,5 m/s at suction height up to 5 m [at 1.013 hPa];  
Suction hose: PVC, L = 5 m, ID = 10 mm [max. hose length 20 m.]
Sampling modes:  
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
Bottle variants:  
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 /  
Overall dimensions:  
787 x 510 x 468 mm (hxwd) / Insulating box passive  
1.028 x 550 x 468 mm (hxwd) / 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]
Ambient temperature: 0°–45° C  
Sample temperature: 0°–40° C  
Standards: CE, sampling according to ISO 5667-10, EN 16479

Made in Germany
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
Technical data SP5 B
at a glance

Housing: PE with 50 mm insulation/PS/PC (GF10)
Control: Microprocessor control, foil keypad
          Option: LAN/GPRS-UMTS/WEB-communication
          100 MB memory, [2 Year ring memory-FIFO at 1 min interval]
Interface: Mini-USB, RS 422, RS 232; optional: Ethernet RJ45
Communication: optional in combination with PC software, LAN/WLAN TCP/IP
Signal inputs: 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
Signal outputs: 8 digital outputs, 1x of them as collective malfunction message
                option: expandable with 8 digital, 5 are freely programmable
Sampling method: Peristaltic pump 20–10,000 ml / Vacuum 20–350 ml
Sampling modes: 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
Suction height: up to 8,5 m (at 1.013 hPa)
Bottle variants: 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
Overall dimensions: [hwxwd]
                   1.100 (1.640 with opened top) x 760 x 775 mm
Weight: approx. 75 kg with composite container, higher weight when
        using several bottles and/or glass bottles
Ambient temperature: -20°–45° C
Standards: CE, sampling according to ISO 5667-10, EN 16479

Made in Germany
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]