MAXX®

Mess- und Probenahmetechnik GmbH

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

P6 L

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)

P6 MINI MAXX with composite container

P6 L with 24 x 1 L

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 (hxwxd) / Insulating box passive
	1.028 x 550 x 468 mm (hxwxd)/ 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

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

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 restistance 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:	(hxwxd)
	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

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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