MAXX P6 L Peristaltic
portable sampler as compact device with integrated distributor, for fully automatic sampling with a Peristaltic Pump. Battery operated 12V/9Ah.

Type	Portable sampler
Housing	ABS / PP
Thermo-Insulation	Insulated base (sample compartment) (insulation thickness 22 - 33 mm)
Control	Microprocessor control, Sleep-Mode (<5mA), power supply 8-16 V foil keyboard (with keys 0-9, ESC, ENT, cursor), graphical display (128*64 Pixel), back lit
Data logger	3000 entries, non-volatile data memory; storage of sampling and malfunction data like sample extractions, bottle changes, messages, external signals. optional with WEB-board 100 MB (2 Year ring memory-FIFO at 1 min interval)
Programming	12 freely programmable user programs, with function to link programs.
Program start options	- IMMEDIATELY; - DATE/TIME - WEEKDAY/TIME; - BY AN EXTERNAL SIGNAL
Program End/Stop options	End of sampling program - AFTER 1 RUN - AFTER X RUNS - CONTINUOUS OPERATION - DATE/TIME
Pause mode	Interruption of program run at any time
Overfilling protection	Adjustable from 1–999 samples/bottles
Interval setting	1 min. to 99 h 59 min. in steps of 1 minute
Pulse setting	1 to 9999 pulses/sample
Manual sample extraction	Possible at any time without interrupting the current program run
Program protection	Up to 5 years after voltage loss
Interface	Mini-USB, optional: Ethernet RJ45, SDI-12
Communication	**1. Connection via USB and PC (as standard)** • maxxwareConnect® **has to be** installed on the PC • Connection to the sampler via USB/Mini USB cable • remote control of the sampler • visualization of downloaded data • download and saving of data as PDF, CSV or XLS, or ODT, TXT Format • print-out of data directly as PDF Format • backup of all preprogramed programs from the sampler • setting and saving of programs in offline mode. Upload in online mode • Read out, changing, saving or upload of all sampler programs (1-12) • recovery of saved programs. or **optional:** **2. Web Modul LTE-Router / LAN RJ45** • Linux OS • TCP/IP (RJ45) • recording of all CPU Data (like data of sampling cycle, bottle report, error log, temperature etc.) • visualization via Web interface • Data-export (PDF, CSV, XLS, ODT, TXT)

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	• E-Mail messaging • FTP-Push • Modbus TCP • Upgrade Sampler-Firmware
Languages	Multi-language, selectable
Signal inputs	• 2 x analog: 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, - Impulselength 50ms - working resistance 500 Ohm (analog signal)
Signal outputs / status messages	• 8 digital outputs, 1x of them as collective malfunction message (Relay optional) **option**: expandable with 8 digitals, 5 are freely programmable (in total 6 messages)
Sampling method	- Peristaltic Pump 10–10.000 ml
Volume accuracy	Peristaltic pump: +- 5 % at 250ml average of a set of 10 samples
Maximum Lift / Suction height	max. 8 m (at 1013h Pa)
- Typical line velocity at head height: 2 m 4 m 6 m	(at 1013h Pa) 1,06 m/s 0,85 m/s 0,59 m/s
Suction hose	PVC, L=5 m, ID=10 mm, max. hose length 30 m
Sampling modes	-**Time**-related, • Constant Time, Constant Volume (**CT, CV**) - **Flow**-dependent, • Variable Time, Constant Volume (**VT, CV**) • Constant Time, Variable Volume (**CT, VV**) (Flow modes are controlled by an external flowmeter signal) - **Event**-related and - **Manual** sample extraction.
Bottle variants	PE: 24 x 1 L = Standard Option: 1 x 10 L 1 x 25 L 4 x 4 L 8 x 2 L Glass: 24 x 350 ml 12 x 1 L 8 x 2 L 1 x 5 L
Overall dimensions	(D X H) 500 x 805 mm

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Weight	approx. 13 kg (without battery, without bottles)
Power supply	Battery**:** ➢ 12 V/ 9 Ah lead storage battery (maintenance-free, leak proof); ➢ Charger 115V / 230V 2A operation by mains: ➢ Power supply 115V / 230V 7A
Power requirement / number of samples	ca. 70VA Up to 550 sample extractions per battery charge at 1,5 m suction height, depending on ambient conditions.
Ambient temperature	0 to + 50°C
Sample temperature	0 – 40° C
Standards	CE Sampling according to ISO 5667-10, EN16479
Wetted materials	PVC, Silicone, POM, PE, SS304

Make: **MAXX**

Type: **P6 L MAXX Peristaltic**

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Subject to technical changes. *)

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