MAXX P6 L Peristaltic

portable sampler as compact device with integrated distributor, for fully automatic sampling with a Peristaltic Pump. Battery operated 12V/7,2Ah.

Type	Portable sampler
Housing	ABS / PP
Thermo-Insulation	Insulated lower part (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, RS 232 optional: Ethernet RJ45, SDI-12
Communication (Option)	**LAN / WLAN / GPRS-UMTS** optional: **1. Connection via USB and PC** • maxxwareConnect® **has to be** installed on the PC • Connection to the sampler via USB/MiniUSB cable • remote control of the sampler • visualization of downloaded data • download and saving of data as PDF, CSV or XLSX 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. **2. LAN Modul RJ45** via TCP/IP and IE-Browser • ARM9-SoC • 32MB RAM • 100 MB Data Memory ((2 Year ring memory-FIFO at 1 min interval) • Linux OS • TCP/IP (RJ45)

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	• 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) • E-Mail error messaging or alternatively **3. LAN Modul RJ45 + GPRS/UMTS Router** • ARM9-SoC • 32MB RAM • 100 MB Data Memory ((2 Year ring memory-FIFO at 1 min interval) • 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) • E-Mail error messaging additionaly + Fully integrated Router (industrial standard) + UMTS / GPRS + SIM card holder + E-Mail error messaging + antenna
Languages	Multi-language, selectable
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, Impulslength 60ms, switching level 7-24 V, max. working restistance 500 Ohm, max. length of signalcable 30 m
Signal outputs / status messages	• 8 digital outputs, 1x of them as collective malfunction message (Relay optional) option: expandable with 8 digital, 5 are freely programmable (in total 6 messages)
Sampling method	- Peristaltic Pump 10–10.000 ml
Typical Volume Repeatability	Better than +- 5 % or min. +- 5 ml of the average volume in a set
Maximum Lift / Suction height	max. 9 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 950 ml 8 x 2 L 1 x 5 L
Overall dimensions	(D X H) 500 x 805 mm
Weight	approx. 13 kg (without battery, without bottles)
Power supply	**Sampler**: 12 V/ 7,2 Ah lead storage battery (maintenance-free, leak proof); 115V or 230V operation by means of battery charger in buffer mode. Range 11-14V; power consumption max. 30 W
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. *)