

MAXX P6 MINI MAXX

portable sampler as compact device (lightweight) for fully automatic sampling according to the vacuum principle or Peristaltic Pump. Battery—operated 12V/7,2Ah.

Type	Portable sampler
Housing	ABS
Thermostatic control	Insulated lower part (sample compartment) (insulation thickness 20 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 <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • ARM9-SoC • 32MB RAM • 100 MB Data Memory ((2 Year ring memory-FIFO at 1 min interval) • Linux OS

	<ul style="list-style-type: none"> • 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 <p><u>or alternatively</u></p> <p>3. LAN Modul RJ45 + GPRS/UMTS Router</p> <ul style="list-style-type: none"> • 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 <p>additionally</p> <ul style="list-style-type: none"> + Fully integrated Router (industrial standard) + UMTS / GPRS + SIM card holder + E-Mail error messaging + antenna
Languages	Multi-language, selectable
Signal inputs	<ul style="list-style-type: none"> • 2 x analogue: 0/4-20 mA, • 8 x digital (flow, event, 1 inputs can be programmed freely) <p>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 resistance 500 Ohm, max. length of signalcable 30 m</p>
Signal outputs / status messages	<ul style="list-style-type: none"> • 8 digital outputs, <p>1x of them as collective malfunction message (Relay optional)</p> <p>option: expandable with 8 digital, 5 are freely programmable (in total 6 messages)</p>
Sampling method	<ul style="list-style-type: none"> - Peristaltic Pump 10–10.000 ml (flowproportional) - Vacuum system 20-350 ml
Single sample volume accuracy	<p>Vacuum system: < 2,5 % or +- 3 ml</p> <p>Peristaltic pump: +- 5 % or +- 5 ml</p>
Suction height	<p>Max. 6,5 m (at 1013h Pa)</p> <p>option: 8 m</p>
Pumping speed	>0,5 m/s at suction height up to 5 m (at 1013h Pa); pump capacity can be adjusted electronically
Suction hose	PVC, L=5 m, ID=10 mm max. hose length 30 m
Sampling modes	Time-related, flow-dependent, event- related and manual sample extraction. Option: flow-proportional (for Peristaltic Pump as standard)
Bottle variants	Composite container 10 L PE or 5 L Bottle Glas

Overall dimensions	(D X H) 500 x 740 mm
Weight	approx. 9 kg (standard version)
Power supply	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	Vacuum ca. 15VA / Peristaltic Pump: ca. 70VA Sampler Vacuum : Up to 1300 sample extractions per battery charge, according to ambient conditions. Sampler Peristaltic Pump : Up to 550 sample extractions per battery charge, according to ambient conditions.
Ambient temperature	0 to + 50°C
Sample temperature	0 – 40° C
Standards	CE Sampling according to ISO 5667-10, EN16479
Wetted materials	PC, PVC, Silicone, PS, PE

Make: MAXX

Type: P6 MINI MAXX

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