



SP5 B

Compact device in plastic housing, especially suitable for high ambient temperatures.



Type:	fixed site sampler
Housing:	PE with 50 mm insulation/PS/PC (GF10)
Thermostatic control:	self-contained, controlled cooling/heating with 4 settings, no-frost. Temperature in sample compartment: 4° C (adjustable from 0,0–9,9° C)
Control:	microprocessor control, foil keyboard (128 x 64 Pixel), back lit
Data logger:	3000 entries, nonvolatile data memory; expandable to 32GB
Programming:	12 freely programmable user programs, with function to link programs.
Interface:	Mini-USB, RS422/485, RS 232; optional: Ethernet RJ45
Communication:	optional in combination with PC software, LAN/WLAN TCP/IP
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, 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:	vacuum system 20–350 ml option: vacuum VAR flow-proportional system 5–250 ml option: peristaltic pump
Suction height:	max. 5 m (at 1.013 hPa and stagnant medium), optional 8,5 m
Pumping speed:	> 0,5 m/s at suction height up to at least 6 m (at 1.013 hPa); pump capacity can be adjusted electronically
Suction hose:	PVC, L = 5 m, ID = 10 mm (max. hose length 30 m.)
Sampling modes:	time, flow-dependent, event-related and manual sample extraction. option: flow-proportional
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 1 L
Overall dimensions:	(hxwx) d) 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
Power supply:	230 V/115 V/AC
Power requirement:	approx. 350 VA (with cooling)
Ambient temperature:	-20°–45° C
Sample temperature:	0°–40° C
Standards:	CE; sampling according to ISO 5667-2/3-10