

SP5 S

Sampler in stainless steel housing. Also available with measuring rack as measuring station.



Patented pinch valve



Non-contact filling level sensor (option)



Type:	fixed site sampler
Housing:	stainless steel with 40 mm insulation, material: 1.4301/SS304/PS/PC (GF10) option: material 1.4571/SS316Ti; SS304 or SS316Ti EPOXY-coated
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: Modbus, connection via DP PROFIBUS; LAN/WLAN TCP/IP, in combination with PC software
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: 20–500] option: vacuum VAR flow-proportional system 5–250 ml option: bypass system 20–250 ml option: peristaltic pump
Suction height:	max. 7,5 m (at 1.013 hPa and stagnant medium), optional 8,5 m (resp. 15m!)
Pumping speed:	> 0,5 m/s at suction height up to at least 7,8 m (at 1.013 hPa); pump capacity can be adjusted electronically
Suction hose:	PVC, L = 5 m, ID = 12 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; 1 x 50 L; 2 x 10 L; 4 x 6 L; 4 x 10 L; 4 x 14 L; 12 x 2,9 L glass: 12 x 2 L; 24 x 1 L
Overall dimensions:	standard [hwxwd]: 1.290 [1.890 with opened top] x 690 x 645 mm as measuring station: 1.470 [2.070 with opened top] x 690 x 645 mm
Weight:	approx. 100 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°–43° C
Sample temperature:	0°–40° C
Standards:	CE; sampling according to ISO 5667-2/3-10