

## Model SP5 A

### Technical data at a glance

<b>Housing:</b>	Stainless steel with 40 mm insulation (Material: 1.4301/SS304)/PS/C (GF 10) (Option: 1.4571/SS316; Option: EPOXY coated)
<b>Control:</b>	Microprocessor control, foil keypad, back lit display
<b>Thermostatic control:</b>	Self-contained, controlled cooling (ice-free), heating, 4° C (adjustable)
<b>Programming:</b>	12 freely programmable user programs, user-friendly software
<b>Interface:</b>	Mini-USB; optional: Ethernet RJ45, SDI-12; optional: Modbus, Profibus DP
<b>Communication:</b>	Optional in combination with PC software or LAN/WLAN/GPRS (2 year ring memory FIFO at 1 min interval)
<b>Languages:</b>	Multi-language, selectable
<b>Signal inputs:</b>	2 x analogue: 0/4-20 mA, max. working resistance 500 Ohm 8 x digital (flow, event, 1 inputs can be programmed freely) Impuls length 60 ms, switching level 7-24 V Option: expandable with 4 x digital, 3 inputs can be programmed freely, and 8 x analogue 0-20 mA or 0-10 V
<b>Signal outputs:</b>	8 digital outputs, 1x of them as collective malfunction message Option: expandable with 8 digital, 5 are freely programmable
<b>Sampling method:</b>	Vacuum 20-350 ml (in PC; option in glass)/Peristaltic pump 20-10.000 ml
<b>Suction height:</b>	Vacuum 7,5 m (at 1000 hPa), option: 8,5 m or up to 15 m Peristaltic pump 8,5 m (at 1000 hPa)
<b>Sampling modes:</b>	Time (CT, CV), Flow (VT, CV) or (CT, VW), (variable Flow only peristaltic pump or option for vacuum-system); Event and Manual sampling (Flow modes are controlled by an external flowmeter signal)
<b>Bottle variants:</b>	2 x 10 L PE/4 x 5 L PE/12 x 1,6 L Glas Duran 50/24 x 2 L Glas Duran 50
<b>Overall dimensions:</b>	(hxwxd) 1.290 (1.930 with opened top) x 690 x 645 mm 24 x 2 L: 1400 (2.175*) x 800 x 850 mm
<b>Weight:</b>	approx. 115 kg with 2x10 L, higher weight when using several bottles and/or glass bottles
<b>Ambient temperature:</b>	-20° to +43° C
<b>Sample temperature:</b>	0° to +40° C
<b>Standards:</b>	CE, sampling according to ISO 5667-10, EN 16479



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Mess- und Probenahmetechnik GmbH

Ideal for automatic and continuous operation without the need of personnel. Also available with measuring rack

## Your advantages:

- > Available with peristaltic pump, vacuum oder Bypass system
- > Unrivalled measuring device for volume determination (Peristaltic pump)
- > Minimal effort für calibration
- > Highly accurate sample volume
- > Clear operating structure and simple programming
- > LAN/W-LAN/GPRS communication (Option)
- > Easy cleaning
- > Modern and ergonomic design
- > Big variant of bottle configuration and dosing systems
- > Automatic bottle emptying
- > Automatic bottle rinsing



Easy access for connection and maintenance works



Distributor with glass bottles, placed on a telescopic drawer

