

## Model SP5 B



### Technical data at a glance

<b>Housing:</b>	PE with 50 mm insulation/PS/PC (GF10)
<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>	Peristaltic pump 20-10.000 ml/Vacuum 20-350 ml (in PC: option glass)
<b>Sampling modes:</b>	Time (CT, CV), Flow (VT, CV) or (CT, WV), variable Flow only peristaltic pump or option for vacuum-system; Event, and Manual sampling (Flow modes are controlled by an external flowmeter signal)
<b>Suction height:</b>	Vacuum 7,5 m (at 1000 hPa), option: 8,5 m or up to 15m Peristaltic pump 8,5 m (at 1000 hPa)
<b>Bottle variants:</b>	Plastic: 1 x 25 L; 4 x 14 L; 4 x 10 L; 12 x 3,0 L; 24 x 1 L; 24 x 1 L Glass: 12 x 2 L; 24 x 1L
<b>Overall dimensions:</b>	(hxwxd) 1100 (1640 with opened top) x 760 x 775 mm
<b>Weight:</b>	approx. 75 kg with composite container, higher weight when using several bottles and/or glass bottles
<b>Ambient temperature:</b>	-20° to +50° C
<b>Sample temperature:</b>	0° to +40° C
<b>Standards:</b>	CE, sampling according to ISO 5667-10, EN 16479

SP5 B – Compact device in plastic housing,  
especially suitable for corrosive environment

## Your advantages:

- > Available with peristaltic pump and vacuum 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
- > Well insulated



Dosing system peristaltic pump

