

Model SP5B

Stationary Refrigerated Auto-Sampler

- ◆ **Vacuum or Peristaltic pump options**
- ◆ Compact device in plastic housing, especially suitable for corrosive environment
- ◆ Unrivalled measuring device for volume determination (Peristaltic pump)
- ◆ Highly accurate sample volume
- ◆ Minimal effort for calibration
- ◆ 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



Technical Specifications

Housing	PE with 50 mm insulation/PS/PC (GF10)
Control	Microprocessor control, foil keypad, back lit display
Thermostatic Control	Self-contained, controlled cooling (ice-free), heating, 4° C (adjustable)
Programming	12 freely programmable user programs, user-friendly software
Interface	Mini-USB, optional: Ethernet RJ45, SDI-12 Optional: Modbus, Profibus DP
Communication	Optional in combination with PC software or LAN/WLAN /GPRS (2 year ring memory FIFO at 1 min interval)
Signal Inputs	2 x analogue: 0/4-20 mA, max. working resistance 500 Ohm. 8 x digital (flow, event, 1 inputs can be programmed freely). Impulse 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
Signal Outputs	8 digital outputs, 1x of them as collective malfunction message Option: expandable with 8 digital, 5 are freely programmable
Sampling Method	Peristaltic pump 20–10.000 ml/Vacuum 20–350 ml (in PC: option glass)
Sampling Modes	Time (CT, CV), Flow (VT, CV) or (CT, VV), variable Flow only peristaltic pump (Flow modes are controlled by an external flowmeter signal) or option for vacuum-system; Event, and Manual sampling
Suction Height	Vacuum 7,5 m (at 1000 hPa), option: 8,5 m or up to 15m. Peristaltic pump 8,5 m (at 1000 hPa)
Bottle Variants	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 1 L
Overall Dimensions	1100 h (1640 with opened top) x 760 w x 775 d mm
Weight	approx. 75 kg with composite container, higher weight when using several bottles and/or glass bottles
Ambient Temperature	-20° to +50° C
Sample Temperature	0° to +40° C
Standards	CE, sampling according to ISO 5667-10, EN 16479