

# Model SP Zone 1

## 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 (pay attention to ATEX certification)
<b>Communication:</b>	on request (pay attention to ATEX certification)
<b>Languages:</b>	Multi-language, selectable
<b>Signal inputs:</b>	2 x analogue: 0/4-20 mA, (galvanically separated) 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
<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-System 20-350 ml (in glass) Optional: Vacuum-System 20-500 ml in glass
<b>Suction height:</b>	max. 6 m (at 1000 hPa),
<b>Sampling modes:</b>	Time (CT, CV), Flow (VT, CV) Event and Manual sampling
<b>Bottle variants:</b>	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 3,0 L Glass: 12 x 2 L
<b>Overall dimensions:</b>	(HxWxD) 1400 (2175*) x 800 x 850 mm * with opened top
<b>Weight:</b>	approx. 120 kg with composite container, 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



# MAXX®

Mess- und Probenahmetechnik GmbH

Ex-Zone 1,  
Protection class II 2G Ex IIB T3 Gb X  
or  
II 2G Ex IIB T4 Gb X without heating

Your advantages:

- > Proven MAXX technology for hazardous areas
- > Optionally with DK-system for pressure lines
- > Highly accurate sample volume
- > Clear operating structure and simple programming
- > Easy cleaning
- > Modern and ergonomic design



Pneumatic dosing system with capacitive Ex-sensor



Controlhousing in accordance with ATEX

