

CH-SMP Sample Management Panel

Datasheet



WHAT IS THE SMP?

The SMP, Sample Management Panel, is a modern control unit designed to operate primary and secondary samplers based on user-defined, preset control sequences. This device adjusts the cutter's speed, duration, and the number of cuts, determining the sample flow rate accordingly. It also controls the valves and their opening and closing durations. After each sampling, both the samplers and the sample line are flushed to prevent blockages and maintain cleanliness.

Dimensions and Mass

Width (mm)	800
Depth (mm)	250
Height (mm)	1000
Weight (kg)	40

Connections

Remote Connection	I/O / Profinet
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Power Requirements

Rated operational voltage (Ue)	Single phase AC, 110-230 V
Frequency (f)	50/60 Hz
In maximum current	2.2-1.2 A / 1.2-0.61 A
Supply	L N PE
Rated interrupting capacity	6 kA

Protection

Enclosure class	IP 65 NEMA
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Material

Electrical box	Stainless steel (AISI 304, EN 1.4301), painted
Installation base	Stainless steel (AISI 304, EN 1.4301), painted

Ambient Conditions

Operating temperature	+5 - +45°C
Storing temperature	-10 - +50°C