

Dosing systems for dishwashing machines

SDN-3 microprocessor-based systems

The SDN-3 is a microprocessor-based system that enables you to adopt whatever metering principle you prefer, meeting the specific requirements of your customers from time to time. It is the only system that enables you to apply the following types of metering systems:

- times
- changing the flow-rate (by adjusting the speed)
- with control of conductivity

You can set whatever solution you prefer thanks to a simple programming procedure. This can also be done directly by the customer and the programming can be changed at any time.

Thanks to the versatility of the system and the flow rates of 7 l/hr for the detergent and 1l/hr for the rinsing aid it is particularly well suited for:

- tunnel-loading machines (dishwashers with loading belts or pulled baskets)
- fixed-cycle machines (dishwashers for saucepans)
- recycling dishwashers (glassware washers, bottle washers, burette washers)



SAFETY AND RELIABILITY

Special efforts have been made from the technical and construction points of view in order to provide additional advantages:

- Possibility of selecting the type of power supply (230,110, 24 VAC)
- Digital control
- Access key to prevent undesired tampering
- IP 55 to withstand jets of water
- Class 2 electrical connections, with no need to connect an earthing wire
- Recognises all signals coming from the solenoid valves, from 24 to 230 VAC
- Alarm signals indicating the type of problem on the display
- Check carried out on the state of cleanliness of the probe
- Double conductivity scale for greater precision
- Maximum current consumption of only 8VA, so as to avoid problems with the power supply source

Accessories Installation kit

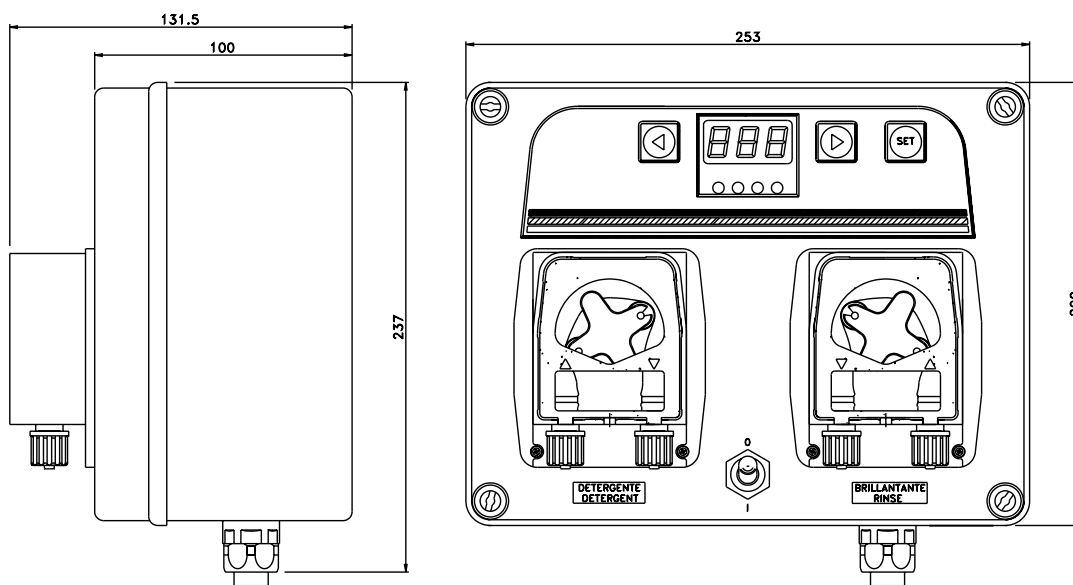


SDN-DIGIT

SDN-COND

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Not equipped with power supply or signalling cables or delivery/intake pipes.



Available in two versions:

It is possible for the installer to change the configuration of the two versions, switching from one system to the other in a very simple manner, in order to meet the requirements of the installation.

● **SDN - DIGIT**

Pre-configured in the Volumetric Time mode

● **SDN - COND**

Pre-configured in the conductivity-measuring mode and equipped with a conductivity probe.

SPECIFICATION

Power supply settings	24/115/230 Vac
Current consumption	8 VA
Multi-voltage loading solenoid valve input	24÷230 Vac
Multi-voltage rinse-aid solenoid valve input	24÷230 Vac
Product-finished alarm input	Lev. 4 level probe
Alarm level repeater output	Closing contact max 150
Input for heat compensation of conductivity	on request
Maximum working conductivity	10 mS
Hole for conductivity-measuring probe	22.5 mm (7/8")
Plastic container according to class of protection	IP 55
Weight	1.65 Kg

DETERGENT PUMP

Flow-rate control	max 7 l/h
Membrane tube	Santoprene

RINSE-AID PUMP

Maximum pressure	3 bar
Flow-rate control	from 0.18 to 1 l/h
Membrane tube	Silicone