

SDN-Plus microprocessor-based systems



The SDN-Plus is an integrated for fixed-cycle and tunnel type dishwashers designed according to the highest quality standards.

Among the advantages as compared with conventional systems, the SDN-Plus provides the possibility of selecting either of two washing programs, each of which can be activated at a given time of day to be set by the operator.

What is more, the advanced programming software enables the operator to set a range of parameters that make the SDN-Plus an efficient and complete system able to meet the needs of even the most demanding customers.

The SDN-Plus is simple to install thanks to the installation kit included in the supply. It does not require unscheduled maintenance activities, and this lowers the costs for the operator.

SDN-PLUS TS

With this system it is possible to set the times of day at which the two programs are to be activated, so as to have two different metering rates at different times of day. With this version it is possible to select two different operating modes of the metering pumps for each phase of the washing cycle

- TIMED** Timed control of the metering pumps
- SPEED** Volumetric control of the metering pumps

SDN-PLUS P

With this version it is possible to select three different operating modes of the metering pumps for each phase of the washing cycle








- TIMED** Timed control of the metering pumps
- SPEED** Volumetric control of the metering pumps
- COND** Control of the metering pumps on the basis of the conductivity measured by the conductivity-measuring probe
 - It carries out a check on the state of cleanliness of the probe
 - Double conductivity scale for greater precision

SAFETY AND RELIABILITY

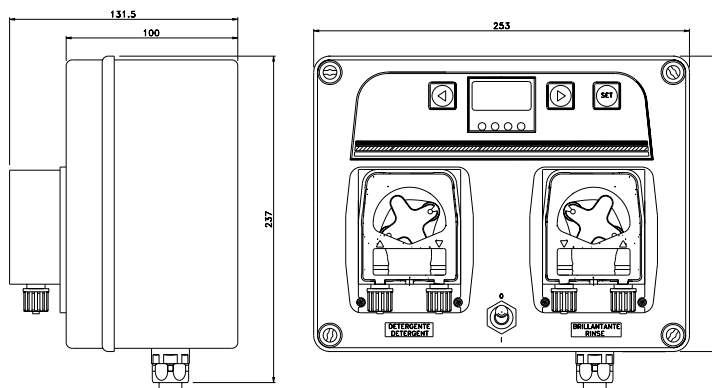
Both models offer obvious advantages:

- Possibility of selecting the type of power supply (230, 115, 24 VAC)
- Digital control
- Access key to prevent undesired tampering
- IP 55 for withstanding jets of water
- Class 2 electrical protection, to do away with the earth wire
- Two washing programmes, to adapt the dose to the user's requirements.
- It stores washing statistics
- It has an internal clock that can be viewed
- It recognises the signals coming from the solenoid valves, from 24 to 230 VAC
- The display is of the dot-matrix type, with excellent legibility of the messages.
- The alarm messages on the display specify the type of problem
- Maximum current consumption of 8VA only in order to avoid interference with the power supply source.

Accessories Installation kit

						
SDN-Plus P	•	•	•	•	•	•
SDN-Plus TS		•	•	•	•	•

SDN-Plus is supplied with 5 metres of 12-pin cable (0.5 mm) and 5 metres of corrugated sheathing (16 mm).



SPECIFICATION

Power supply	24 Vac or 230 Vac \pm 10%
Current consumption	8 VA
Multi-voltage loading solenoid valve input	24, 230 Vac
Multi-voltage rinsing solenoid valve input	24, 230 Vac
Product-finished alarm input	Lev. 4 level probe
Alarm level repeater output	
Provisions for input for heat compensation of conductivity	
Maximum working conductivity	10 ms
Hole for conductivity-measuring probe	22.5 mm (7/8")
Plastic container according to class of protection	IP 55
Electrical class	2
Weight	1.65 kg.

DETERGENT PUMP

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

RINSING AID PUMP

Maximum pressure	3 bar
Flow-rate adjustment	da 0.18 a 1 l/h
Membrane tube	Silicone