

## Microprocessor-based systems for metering the powder

### SDN-3 LP

Seko have developed a range of products for metering powder detergents for belt-type and fixed-cycle dishwashing machines.

This range of products is based on the well-tested technology of the SDN and SDN-Plus systems, implemented and adapted to meet metering needs for powder detergents.



#### GENERAL SPECIFICATIONS

- Control of the concentration of the detergent by means of a conductivity-measuring probe;
- Alarm on failure to reach the required concentration;
- Check carried out on the state of cleanliness of the probe
- Possibility of connecting product-finished level probes.

The operating modes and the adjustment controls are identical to those of the SDN-3 and SDN-Plus systems, with a conductivity-measuring probe used to meter the liquid detergents as described in the previous pages.

#### 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

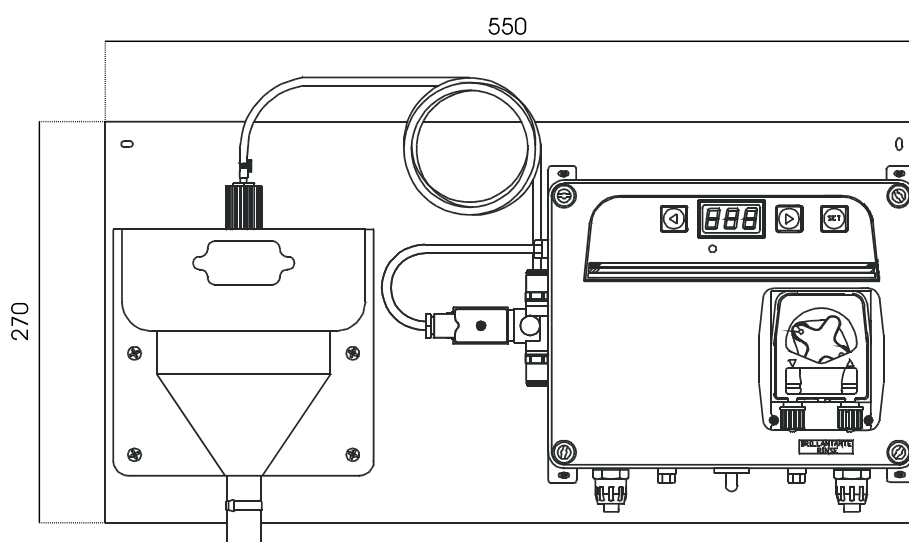
## Accessories Installation kit



## SPECIFICATION

### RINSING AID PUMP

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



Power supply settings	24/115/230 Vac
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	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

Depending on customers' requirements, the systems can be supplied either pre-assembled on stainless steel panels or in the version consisting of separate components.