

SPD500

Family	Professional dishwasher
Subfamily	Undercounter dishwashers
Type	Undercounter
Crockery	Crockery; Glasses; Cutlery; GN1/1 trays
Basket dimensions	500x500 mm
Control panel	Mechanical
Wash pump	Standard
Power connection	400 V 3N~ / 12 A / 6,8 kW / 50 Hz



Aesthetics

Series	Ecoline	Led color	Red
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Technical Features

Trays washing option	Yes	Max water hardness	12°f - 7°dH
Trays number	7 x GN 1/1 (530 x 325 mm)	Inlet pressure	250-1000 kPa
Water consumption per cycle	3,2 l	Detergent load	1,5 l/h
Wash temperature (min-max)	60 °C	Rinse load	0,4 l/h
Rinse temperature (min-max)	83 °C	Usable load height	340 mm
Minimum water consumption per cycle	3,2 l	Depth with open door	1000 mm
Min. water connection temperature	8°C	Product dimensions WxDxH	578x600x814 mm
Max. inlet temperature	60°C		

Programs

Programs	2 automatic programs; Self-cleaning programs
Program table	Mechanical Ecoline dishwasher
Maximum basket/hour	40
Maximum dishes/hour	720
Maximum glasses/hour	1440

Electrical Connection

Tank heating element power	2000 W	Default connection	6800 W
Boiler heating element power	6100 W	Optional electrical connection	230 V 3~ / 19 A / 6,8 kW / 50 Hz ; 230 V~ / 15 A / 3,4 kW / 50 Hz ; 230 V~ / 20 A / 4,5 kW / 50 Hz
Wash pump power	700 W		

Interface

Number of buttons	4	On/Off button	Yes
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Construction

Tank Construction	Deep drawn Partial double wall	Filter	4-stages filter system
Tank material	Stainless steel AISI 304	Tank capacity	16 l
Back panel	Galvanized	Boiler capacity	6 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	Boiler type	Pressure boiler
Lower washing system	One washing and one combined rinse spray arms, stainless steel and plastic	Noise	Lpa 54,5 dBA
Tank filter	Plastic	Protection class	IPX4
Door gasket	Only up	Adjustable feet	Yes
Rack guides	Embossed	Drain max. height	600 mm

Accessories Included

Dish basket	1x PB50D01	Water supply hose	Yes - 1,5m
Cutlery basket	1x PHOOS02	Drain hose	Yes - 2m
Flat basket	1x PB50G02		

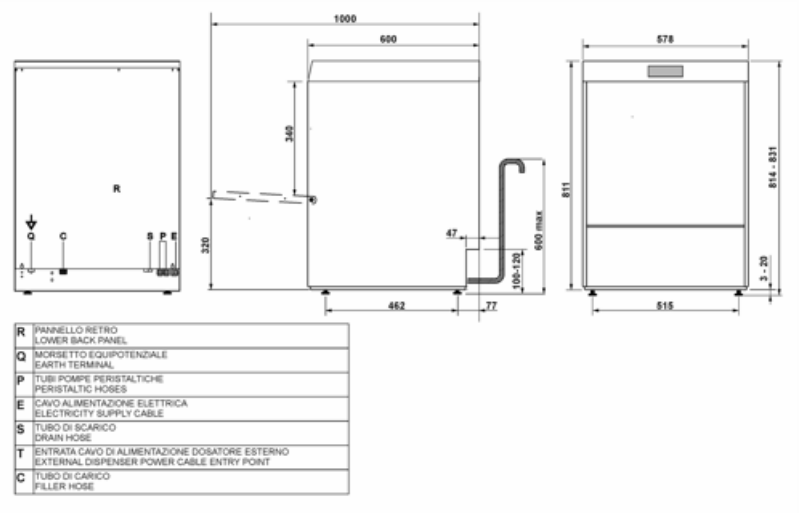
Equipments

Drain pump	Yes	Stand-by system	Yes
Peristaltic detergent dispenser	Manual	Partial renewal of water in the tank and built-in drain pump	Yes
Peristaltic rinse-aid dispenser	Manual	Water supply pipe diameter	DN15 - ½"
Default chemicals dosing unit of measure	gr/lt	Drain supply pipe diameter	DN20-G 3/4"
Rinse boiler Thermostop system	Yes - default	Detergent (red) hose lenght	2,2m
Wash tank Thermostop system	Yes	Rinse aid (blue) hose lenght	2,2m

Wash pump soft start system Yes

Logistic Information

Width packed product	660 mm	Packed product dimensions	990X660X700
Depth packed product	700 mm	Net weight	52,000 kg
Height packed product	990 mm	Gross weight (kg)	60,000

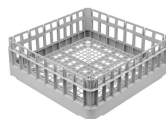


Compatible Accessories



PB50D01

Polypylene basket for 18 plates,
500x500x105 mm



PB50G02

Universal flat bottom polypropylene
basket, 500x500x170 mm



PB50T01

Polypropylene basket for 8 trays GN 1/1
h 40 mm



PHOGR5

Glass basket for 500x500 mm
glasswashers



PHOOS01

Polypropylene single basket for cutlery



PHOOS02

6 compartments polypropylene
basket for cutlery



WB50D01

Wire basket for 18 dishes 250 mm max.
diameter or self service trays, 500X500
mm



WB50G01

Universal wire basket with flat
bottom, 500x500x123 mm



WB50G02

Wire basket for 90 mm diameter max
glasses with sloped bottom,
500x500x170 mm



WB50G03

Wire basket for 72 mm diameter
glasses with inclined bottom,
500x500x235 mm



WB50G04

Wire basket for glasses 135 mm
diameter max, with sloped bottom,
500x500x170 mm



WB50PG5

Wire basket for no. 25 plastic glasses
with flat bottom, 500x500x260 mm



WB50T02

Wire basket for 7 trays GN1/1 h 20 mm,
500x500 mm



WH00S01

Wire insert for 12 small dishes



WS5

Underframe for glasswashers and
dishwashers 500, 595x595x490 mm

Symbols glossary



SUITABLE FOR GASTRONORM TRAY



4 STAND FILTER



MAX.USABLE HEIGHT 340mm

Benefit (TT)

4-stage filtration system

Deep cleaning and spotless washes with the Patented 4-Stages Filtration System

The innovative Smeg filtration system consists of 4 stages to completely eliminate all impurities: the 1st stage captures larger food residues; in the 2nd stages, finer particles are captured at this filtration stage; the 3th stage features a pre-filtration grid to prevent debris from entering the tank and clouding the water. Finally, the last stage is designed to further protect the washing and draining pumps from any debris that may accidentally enter the tank during filter cleaning.

Moulded tank

Superior washing performance and enhanced cleaning convenience with molded tub bottoms and basket guides

Smeg dishwashers are designed with moulded tank and basket guides. The absence of sharp edges ensures an optimised wash flow, guaranteeing hygiene and impeccable cleaning performance. Furthermore, this innovative design simplifies machine cleaning, reducing the need for maintenance interventions.

Partial double skin

Optimised thermal and acoustic insulation

The double-skin design of the Ecoline features dual insulation on the door, top, and rear panel, while the side panels have a single layer of insulation. This structure optimises energy efficiency by minimising heat loss. Additionally, it provides effective acoustic insulation, helping to reduce noise levels and ensuring a quieter, more comfortable working environment for staff.

Drain pump

Partial water replacement during the wash cycle for clean and hygienic dishes

The standard drain pump, equipped with a partial water exchange system, ensures that the dirtiest water is automatically removed at every wash cycle. This mechanism allows for continuous renewal of the water used, ensuring that each phase of the washing process is carried out with clean water. The result is optimal dishwashing performance, with outstanding efficiency and an impeccable level of hygiene.

Soft-start system

Effective management of the washing pump to protect your glassware

The Soft-Start function initiates the wash cycle gently and gradually, progressively increasing the water pressure. This system has been designed to provide optimal protection for the most fragile items, such as crystal glasses, significantly reducing the risk of chipping or damage. At the same time, it ensures excellent cleaning performance, combining efficiency and safety in every wash cycle.

Mechanical Interface

Control panel with mechanical buttons

The mechanical version is equipped with 4 buttons: one for powering the appliance on and off, one for starting the wash cycle, one for selecting the cycle, and a button for draining the tank and initiating the final self-cleaning. The panel also includes two indicator lights that provide important information, such as low salt levels and the boiler status.