

SPD500

Family	Professional dishwasher
Subfamily	Undercounter dishwashers
Line	Ecoline a pulsanti
Basket dimensions	500x500 mm
Wash pump	Standard

Accessories Included

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

Target

Solutions	Hotels; Restaurants/Pubs; QSR
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Programs

Programs	2 automatic programs; Self-cleaning programs
Program table	Mechanical Ecoline glasswasher and dishwasher
Program specifications	Boiler 83°C / Tank 60°C - 1' 30"; Boiler 83°C / Tank 60°C - 2' 30"
Maximum basket/hour	40
Maximum dishes/hour	720
Maximum glasses/hour	1440

Interface

Number of buttons	4	On/Off button	Yes
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Construction

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

Technical Features

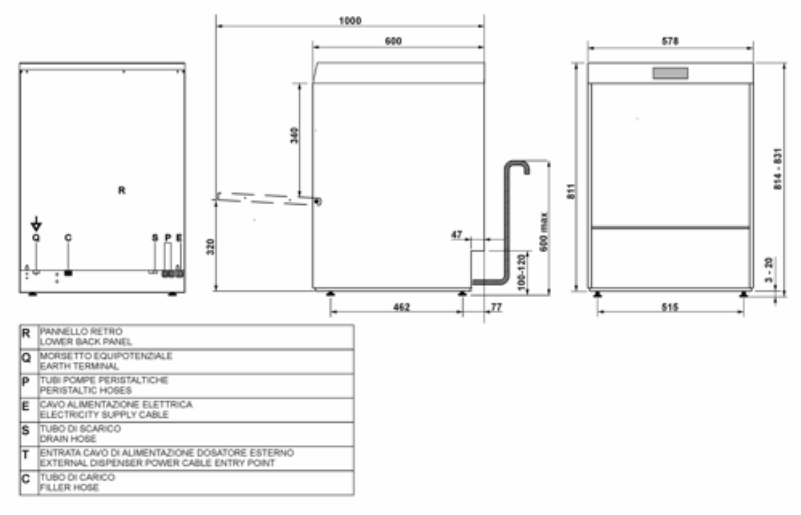
Trays washing option	Yes	Max. inlet temperature	60°C
Trays number	7 x GN 1/1 (530 x 325 mm)	Max water hardness	12°F - 7°dH
Tank heating element power	2000 W	Inlet pressure	250-1000 kPa (min-max)
Boiler heating element power	6100 W	Detergent load	1,5 l/h
Wash pump power	700 W	Rinse load	0,4 l/h
Default connection	6800 W	Usable load height	340 mm
Water consumption per cycle	3,2 l	Depth with open door	1000 mm
Minimum water consumption per cycle	3,2 l	Product dimensions WxDxH	578x600x814 mm
Warm water connection	5°C		

Electrical Connection

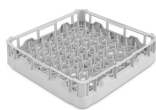
Power connection	400 V 3N~ / 12 A / 6,8 kW / 50 Hz	Optional electrical connection	230 V 3~ / 19 A / 6,8 kW / 50 Hz ; 230 V~ / 15 A / 3,4 kW / 50 Hz ; 230 V~ / 20 A / 4,5 kW / 50 Hz
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Equipments

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		

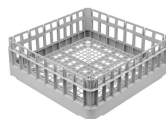


Compatible Accessories



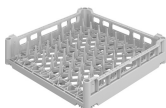
PB50D01

Polypropylene basket for 18 plates
Ø250 mm, dim. (WxDxH) 500x500x105 mm



PB50G02

Universal flat bottom polypropylene basket, dim. (WxDxH) 500x500x170 mm



PB50T01

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



PHO0GR5

Glass insert for 500x500 mm basket



PHO0S01

Polypropylene single basket for cutlery



PHO0S02

6 compartment polypropylene basket for cutlery



WB50D01

Wire basket for 18 dishes Ø250 mm. or self service trays, dim. (WxDxH) 500x500x92 mm



WB50G01

Universal wire basket with flat bottom, dim. (WxDxH) 500x500x123 mm



WB50G02

Wire basket with sloped bottom for glasses Ø90 mm max, dim. (WxDxH) 500x500x170 mm



WB50G03

Wire basket with sloped bottom for glasses Ø72 mm max, dim. (WxDxH) 500x500x235 mm



WB50G04

Wire basket with sloped bottom for glasses Ø135 mm max, dim. (WxDxH) 500x500x165 mm



WB50PG5

Wire basket with flat bottom for 25 plastic glasses, dim. (WxDxH) 500x500x260 mm



WB50T02

Wire basket for 7 trays GN1/1 h 20 mm



WH00S01

Wire insert for 12 small dishes



WS5

Underframe for glasswashers 500mm

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 Ecoline undercounter dishwashers are equipped with a partial double-skin structure that 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.