

# SPD505

Family	Professional dishwasher
Subfamily	Undercounter
Type	Undercounter dishwashers
Crockery	Crockery; Glasses; Cutlery; GN1/1 trays
Basket dimensions	500x500 mm
Control panel	Electronic
Standard drain pump with partial water renewal in the wash tank	Yes
Rinse pump	HTR system
Boiler type	Atmosferic boiler
Wash pump	Standard
Power connection	400 V 3N~ / 12 A / 7,3 kW / 50 Hz
Product dimensions WxDxH	578x600x814 mm



## Target

Industries	Bar / Cafeterias / Bistros / Wine bars / Pubs; Hotels; Ristoranti / Catering; Bakeries / Pastry shops; Care facilities ; Catering; Commercial food services; Butcher shops / Delicatessens
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## Aesthetics

Led color	Red	Series	Ecoline
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## Technical Features

Trays number	7 x GN1/1	Max. inlet temperature	60°C
Trays washing option	Yes	Max water hardness	5°f - 3°dH
Water consumption per cycle	3,2 l	Inlet pressure	100-1000 kPa
Wash temperature (min-max)	60 °C	Detergent load	1,5 l/h
Rinse temperature (min-max)	85 °C	Rinse load	0,4 l/h
Min. water connection temperature	8°C	Usable load height	340 mm
Minimum water consumption per cycle	3,2 l	Depth with open door	1000 mm

## Programs

<b>Programs</b>	3 automatic programs; Self-cleaning programs
<b>Program options</b>	Extra rinse; Clean water cycle
<b>Program table</b>	Electronic Ecoline dishwasher 500
<b>Maximum basket/hour</b>	40
<b>Maximum dishes/hour</b>	720
<b>Maximum glasses/hour</b>	1440

## Electrical Connection

<b>Tank heating element power</b>	2000 W	<b>Default connection</b>	7300 W
<b>Boiler heating element power</b>	6100 W	<b>Optional electrical connection</b>	230 V 3~ / 19 A / 7,3 kW / 50 Hz; 230 V 3~ / 19 A / 6,8 kW / 50 Hz; 230 V~ / 15 A / 3,4 kW / 50 Hz; 230 V~ / 17 A / 3,9 kW / 50 Hz; 230 V~ / 20 A / 4,5 kW / 50 Hz; 230 V~ / 22 A / 5,0 kW / 50 Hz; 400 V 3N~ / 12 A / 6,8 kW / 50 Hz
<b>Wash pump power</b>	700 W		

## Interface

<b>Display</b>	4 digit	<b>Manual diagnostic</b>	Yes
<b>On/Off button</b>	Yes		

## Construction

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

## Accessories Included

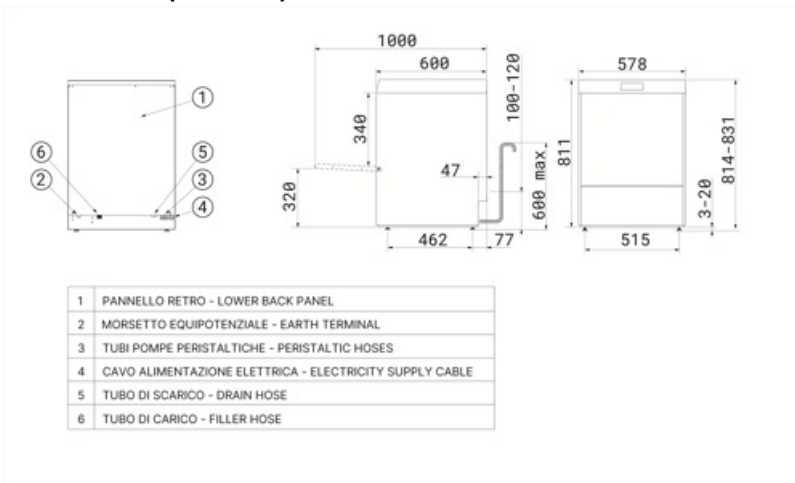
<b>Dish basket</b>	1x PB50D01	<b>Water supply hose</b>	Yes - 1,5m
<b>Cutlery basket</b>	1x PHOOS04	<b>Drain hose</b>	Yes - 2m
<b>Flat basket</b>	1x PB50G02		

## Equipments

Peristaltic detergent dispenser	Electronic control	Option for auto daily switch on	Yes, default OFF
Peristaltic rinse-aid dispenser	Electronic control	Cycle counter	Yes
Default chemicals dosing unit of measure	gr/lt	Break tank	Yes
Rinse boiler Thermostop system	Yes - default	Water supply pipe diameter	DN15 - ½"
Wash tank Thermostop system	Yes	Drain supply pipe diameter	DN20-G 3/4"
Wash pump soft start system	Yes	Detergent (red) hose length	2,2m
Stand-by system	Yes	Rinse aid (blue) hose length	2,2m

## Logistic Information

EAN code	8017709327613	Net weight	54,000 kg
Packed product dimensions (WxDxH)	660x700x990 mm	Gross weight (kg)	62,000 kg

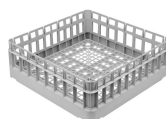


## Compatible Accessories



### PB50D01

Polypylene basket for 18 plates,  
500x500x105 mm



### PB50G02

Universal flat bottom polypropylene  
basket, 500x500x170 mm



### PHOGR5

Glass basket for 500x500 mm  
glasswashers



### PHOOS01

Polypropylene single basket for  
cutlery



### PHOOS04

4 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

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## Benefit (TT)

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### Interface

Control panel with electronic buttons

The electronic control panel features an intuitive interface with soft-touch buttons, allowing easy selection of one of the three wash programmes: short, medium, or intensive. There are also buttons for power, selection, and cycle start. The display provides real-time monitoring of the tank and boiler temperature, as well as diagnostics, ensuring effortless and immediate control of the main functions.

### 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.

### HTR System

Consistent temperatures and pressures for uniform and effective dishwashing

Thanks to the HTR system (High Temperature Rinse) and the presence of the atmospheric boiler combined with the Thermostop, the cold inlet water does not enter the boiler during rinsing, ensuring a constant temperature of 85°C. The HTR system keeps the water hot for deep sanitisation and quick drying, ensuring constant pressure for uniform and effective 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.