

# SPD503

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



## Target

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

<b>Led color</b>	Red	<b>Series</b>	Ecoline
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## Technical Features

<b>Trays number</b>	7 x GN1/1	<b>Max. inlet temperature</b>	60°C
<b>Trays washing option</b>	Yes	<b>Max water hardness</b>	5°f - 3°dH
<b>Water consumption per cycle</b>	3,2 l	<b>Inlet pressure</b>	250-1000 kPa (min-max)
<b>Wash temperature (min-max)</b>	60 °C	<b>Detergent load</b>	1,5 l/h
<b>Rinse temperature (min-max)</b>	85 °C	<b>Rinse load</b>	0,4 l/h
<b>Min. water connection temperature</b>	5°C	<b>Usable load height</b>	340 mm
<b>Minimum water consumption per cycle</b>	3,2 l	<b>Depth with open door</b>	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	<b>Rack guides</b>	Embossed
<b>Tank material</b>	Partial double-skin	<b>Filter</b>	4-stage filter system
<b>Back panel</b>	Stainless steel AISI 304	<b>Tank capacity</b>	16 l
<b>Upper wash system</b>	St/steel	<b>Boiler capacity</b>	6 l
<b>Lower wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>Noise</b>	Lpa 54,5 dBA
<b>Tank filter</b>	One wash and one combined rinse spray arms, stainless steel and plastic	<b>Protection class</b>	IPX4
<b>Door gasket</b>	Plastic	<b>Adjustable feet</b>	Yes
	Only up	<b>Drain max. height</b>	600 mm

## Accessories included

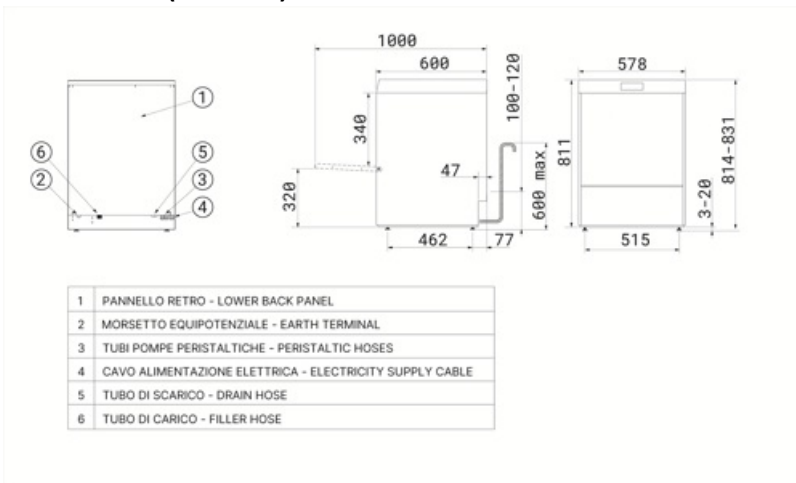
<b>Dish basket</b>	1x PB50D01	<b>Water supply hose</b>	Yes - 1,5 m
<b>Cutlery basket</b>	1x PHOOS04	<b>Drain hose</b>	Yes - 2m
<b>Flat basket</b>	1x PB50G02		

## Equipments

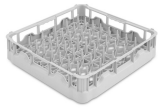
Peristaltic detergent dispenser	Electronic control	Option for auto daily switch on	Yes, default OFF
Peristaltic rinse-aid dispenser	Electronic control	Cycle counter	Yes
Default chemicals dosing unit of measure	gr/lt	Water supply pipe diameter	DN15 - ½"
Rinse boiler Thermostop system	Yes - default	Drain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

## Logistic Information

EAN code	8017709327620	Net weight	52,000 kg
Packed product dimensions (WxDxH)	660x700x990 mm	Gross weight	60,000 kg

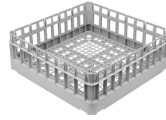


## Compatible Accessories



### PB50D01

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



### PB50G02

Universal flat bottom polypropylene  
 basket, internal height 150 mm, dim.  
 (WxDxH) 500x500x170 mm



### PHOGR5

Tilted glass insert for basket PB50G02  
 500x500 mm, configurable with 4 units  
 of 5 glasses each (first line Ø max 110  
 mm, lines 2-4 Ø max 95 mm), or 5 units  
 of 5 glasses each (first line Ø max 95  
 mm, lines 2-5 Ø max 75 mm)



### PHOOS01

Polypropylene single basket for  
 cutlery



### PHOOS04

4 compartments polypropylene basket  
 for cutlery



### WB50D01

Wire basket for 18 dishes Ø250 mm  
 max or trays h 370 mm, dim. (WxDxH)  
 500x500x92 mm



### WB50G01

Universal wire basket with flat bottom,  
 internal height 120 mm, dim. (WxDxH)  
 500x500x130 mm



### WB50G02

Wire basket with sloped bottom for  
 25 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  
 12 glasses Ø110 mm max or 9  
 glasses Ø135 mm max, dim. (WxDxH)  
 500x500x165 mm



### WB50PG5

Wire basket with flat bottom for 25  
 plastic glasses, max. H 230 mm, min.-  
 max. Ø 36-95 mm, dim. (WxDxH)  
 500x500x260 mm



### WB50T02

Wire basket for 7 trays GN1/1 h 20  
 mm, dim. (WxD) 500x500 mm



### WH00S01

Wire insert for 17 small dishes, width  
 100 mm, for flat bottom baskets  
 500x500 and 600x500 mm



### WS5

Stainless steel underframe for  
 undercounter glasswashers and  
 dishwashers 500 mm, dim. (WxDxH)  
 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.

### 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.