

# SPD503S

Family	Professional dishwasher
Subfamily	Undercounter
Type	Undercounter dishwashers
Crockery	Crockery; Glasses; Cutlery; GN1/1 trays
Basket dimensions	500x500 mm
Control panel	Electronic
Wash pump	Standard
Power connection	400 V 3N~ / 12 A / 7,3 kW / 50 Hz
Product dimensions (WxDxH)	578x600x814 mm
Partial renewal of water in the tank and built-in drain pump	Yes



## Target

Industries	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

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	60°f - 34°dH
Water consumption per cycle	3,2 l	Inlet pressure	250-1000 kPa (min-max)
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	5°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>Salt alert</b>	Yes
<b>On/Off button</b>	Yes	<b>Manual diagnostic</b>	Yes

## Construction

<b>Tank Construction</b>	Deep drawn Partial double-skin	<b>Filter</b>	4-stage filter system
<b>Tank material</b>	Stainless steel AISI 304	<b>Tank capacity</b>	16 l
<b>Back panel</b>	St/steel	<b>Boiler capacity</b>	6 l
<b>Upper wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>Boiler type</b>	Pressure boiler
<b>Lower wash system</b>	One wash 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>Rack guides</b>	Embossed	<b>Drain max. height</b>	600 mm

## Accessories included

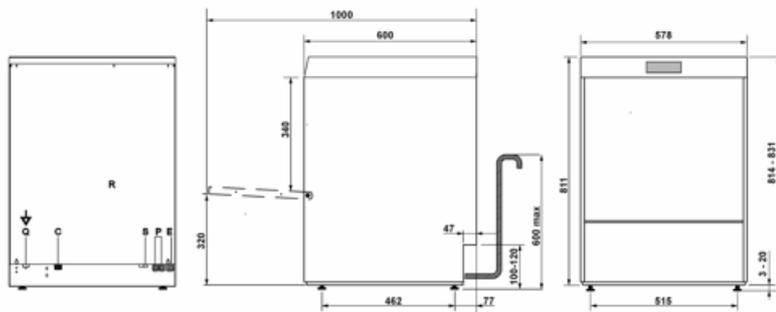
<b>Dish basket</b>	1x PB50D01	<b>Water supply hose</b>	Yes - 1,5 m
<b>Cutlery basket</b>	1x PHOOS04	<b>Drain hose</b>	Yes - 2m
<b>Flat basket</b>	1x PB50G02		

## Equipments

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

## Logistic Information

<b>EAN code</b>	8017709331627	<b>Net weight</b>	60,000 kg
<b>Packed product dimensions (WxDxH)</b>	990x660x700 mm	<b>Gross weight</b>	68,000 kg



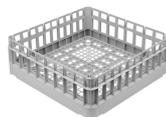
<b>R</b>	PANNELLO RETRO LOWER BACK PANEL
<b>Q</b>	MORSETTO EQUIPOTENZIALE EARTH TERMINAL
<b>P</b>	TUBI POMPE PERISTALTICHE PERISTALTIC HOSES
<b>E</b>	CAVO ALIMENTAZIONE ELETTRICA ELECTRICITY SUPPLY CABLE
<b>S</b>	TUBO DI SCARICO DRAIN HOSE
<b>T</b>	ENTRATA CAVO DI ALIMENTAZIONE DOSATORE ESTERNO EXTERNAL DISPENSER POWER CABLE ENTRY POINT
<b>C</b>	TUBO DI CARICO FILLER HOSE

## 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, 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.

### Integrated softener

Effective water treatment for consistently sparkling glasses

The integrated continuous regeneration water softener ensures effective water treatment, enhancing washing performance and preserving the machine's operational lifespan. The resin regeneration process takes place during the wash cycle without interruptions, providing constant control over water hardness. This system prevents limescale buildup, maximises detergent efficiency, and guarantees spotless results on glassware and dishes.

### 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.