

# **SPD503**

Professional dishwasher Family

Subfamily Undercounter

Undercounter dishwashers Type

Crockery Crockery; Glasses; Cutlery; GN1/1

**Basket dimensions** 500x500 mm Control panel Electronic Wash pump Standard

Power connection 400 V 3N~ / 12 A / 7,3 kW / 50 Hz



# **Target**

Bar / Cafeterias / Bistros / **Industries** 

> Wine bars / Pubs: Hotels: Ristoranti / Catering; Bakeries / Pastry shops;

Butcher shops /

Delicatessens; Catering; Care facilities; Commercial

food services

# **Aesthetics**

**Ecoline** Led color Series Red

## **Technical Features**

Trays washing option Yes

Trays number 7 x GN 1/1 (530 x 325 mm)

3,2 I

60°C

3,21

8°C

60°C

Water consumption per

cycle

Wash temperature

(min-max)

Rinse temperature (min- 85 °C

max)

Minimum water

consumption per cycle

Min. water connection

temperature

Max. inlet temperature

Max water hardness Inlet pressure **Detergent load** Rinse load Usable load height Depth with open door **Product dimensions** 

**WxDxH** 

12°f - 7°dH

250-1000 kPa

1,5 l/h 0,4 l/h 340 mm 1000 mm

578x600x814 mm

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# **Programs**

3 automatic programs; Self-cleaning programs **Programs** 

**Program options** Extra rinse; Clean water cycle Program table Electronic Ecoline dishwasher 500

Maximum basket/hour Maximum dishes/hour 720 Maximum glasses/hour 1440

## **Electrical Connection**

Tank heating element 2000 W **Default connection** 7300 W

power

**Boiler heating element** 

power

Wash pump power

6100 W

700 W

Optional electrical

connection

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

## Interface

Display 4 digit Manual diagnostic Yes

On/Off button Yes

## Construction

Filter Tank Deep drawn 4-stages filter system

Construction Partial double wall Tank capacity 16 I Tank material Stainless steel AISI 304 **Boiler** capacity

Pressure boiler **Back panel** Galvanized Boiler type

One washing and one split Noise Lpa 54,5 dBA Upper washing system rinse spray arms, stainless IPX4

**Protection class** steel

Adjustable feet Yes Lower washing system One washing and one

Drain max. height 600 mm combined rinse spray arms, stainless steel and plastic

Tank filter Plastic Door gasket Only up Rack guides **Embossed** 

### Accessories Included

Flat basket

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

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# **Equipments**

Option for auto daily Drain pump Yes Yes, default OFF switch on Peristaltic detergent Electronic control dispenser Cycle counter Peristaltic rinse-aid Electronic control Partial renewal of water Yes dispenser in the tank and built-in drain pump **Deafult chemicals** ar/lt Water supply pipe dosing unit of measure DN15 - 1/2" diameter Rinse boiler Thermostop Yes - default DN20-G 3/4" system Drain supply pipe diameter Wash tank Thermostop Detergent (red) hose 2,2m system lenght Wash pump soft start Yes system Rinse aid (blue) hose 2.2m lenght Stand-by system Yes

# **Logistic Information**

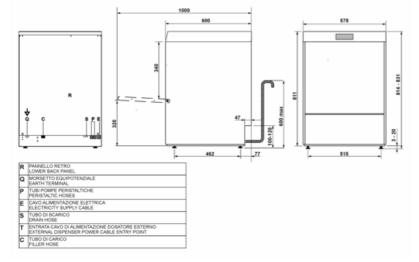
Width packed product 660 mm Packed product 990x660x700 mm

Depth packed product 700 mm

Height packed product 990 mm

Net weight 52,000 kg

Gross weight (kg) 60,000 kg



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# **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



#### PHOOGR5

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

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# Symbols glossary



SUITABLE FOR GASTRONORM TRAY



4 STAND FILTER



MAX.USABLE HEIGHT 340mm

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# Benefit (TT)

#### 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 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.

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