

SPD505S

Professional dishwasher Family

Subfamily Undercounter

Undercounter dishwashers Type

Crockery Crockery; Glasses; Cutlery; GN1/1

trays

Basket dimensions 500x500 mm Control panel Electronic Rinse pump HTR system 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 Series

Technical Features

Trays washing option Yes

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

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

3,2 I

60°C

3,21

5°C

60°C

Max water hardness

54°f - 30°dH Inlet pressure 100-1000 kPa (min-max)

Detergent load 1,5 l/h Rinse load 0,4 l/h Usable load height 340 mm Depth with open door 1000 mm

Product dimensions WxDxH

578x600x814 mm



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 glasses/hour 1440

Electrical Connection

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

power

Boiler heating element 6100 W

power

Wash pump power 700 W Optional electrical

230 V 3~ / 19 A / 7,3 kW / connection 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

IPX4

Plug Not present

Interface

On/Off button Yes Manual diagnostic Yes

Salt alert Yes

Construction

Filter Tank Deep drawn 4-stage filter system

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

Artmosferic boiler **Back panel** Galvanized Boiler type

One wash and one split Lpa 54,5 dBA Upper wash system Noise

rinse spray arms, stainless **Protection class** steel

Adjustable feet Yes One wash and one Lower wash system Drain max. height 1000 mm

combined rinse spray arms, stainless steel and plastic

1x PB50G02

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

Accessories included

Flat basket

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



Equipments

Drain pump	Yes	Stand-by system	Yes
Peristaltic detergent	Manual	Cycle counter	Yes
dispenser		Break tank	Yes
Peristaltic rinse-aid dispenser	Manual	Partial renewal of water in the tank and built-in	Yes
Deafult chemicals	gr/lt	drain pump	
dosing unit of measure		Water supply pipe	DN15 - ½"
Automatic built softener	Yes	diameter	
Rinse boiler Thermostop system	Yes - default	Drain supply pipe diameter	DN20-G 3/4"
Wash tank Thermostop system	Yes	Detergent (red) hose lenght	2,2 m
Wash pump soft start system	Yes	Rinse aid (blue) hose lenght	2,2 m

Logistic Information

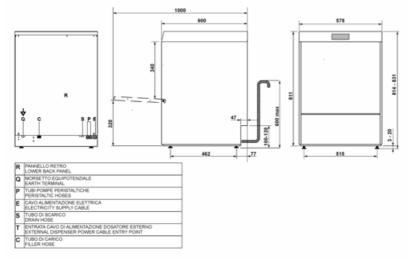
Width packed product 660 mm Packed product 990x660x700 mm

Depth packed product 700 mm

Height packed product 990 mm

Net weight 61,000 kg

Gross weight 69,000 kg





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



PHOOGR5

Glass insert for 500x500 mm basket



PHOOS01

Polypropylene single basket for cutlery



PHOOS02

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

Stainless steel underframe for glasswashers and dishwashers, dim. (WxDxH) 595x595x490 mm



Symbols glossary



SUITABLE FOR GASTRONORM TRAY



HTR RINSING SYSTEM



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.

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 rinsing temperature according to the program setting. 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.

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.