

SPD505SUK

Product Family Dishwasher
Subfamily Undercounter

Type Undercounter dishwashers
Crockery Crockery; Glasses; Cutlery; GN1/1

trays

Basket dimensions500x500 mmControl PanelElectronicRinse pumpHTR systemWash pumpStandard

Default power supply $230 \text{ V} \sim /30 \text{ A} / 6.8 \text{ kW} /50 \text{ Hz}$



Target

Industries Bar / Cafeterias / Bistros /

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

Butcher shops /

Delicatessens; Catering; Care facilities ; Commercial

food services

Aesthetics

Series Ecoline

Technical Features

Trays washing option Yes

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

3,2 I

60°C

Water consumption per

cycle

Wash temperature

(min-max)

Rinse temperature (min- 85 °C

max)

Minimum water 3,2 l

consumption per cycle

Warm water connection 8°C Max. inlet temperature 60°C

Max water hardness Water inlet pressure

Detergent flow rate Rinse aid flow rate Usable load height

Depth with door open

Dimensions

54°f - 30°dH

1-6 bar / 100-600 kPa

1.5 l/h 0.4 l/h 340 mm 1000 mm

578x600x814 mm



Programmes

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

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

Maximum baskets/hour Maximum glasses/hour 1440

6100 W

Electrical Connection

2000 W **Default connection** 6800 W Tank heating element

power

Boiler heating element

power

Wash pump power 700 W

Electrical connection 230 V~ / 12 A / 2,7 kW / 50 Hz; 230 V~ / 15 A / 3,4 kW / options

IPX4

50 Hz; 230 V~ / 20 A / 4,5 kW / 50 Hz; 400 V 3N~ / 12

A / 6,8 kW / 50 Hz

(G) UK e Singapore Plug

Interface

On/off indicator Yes Manual diagnostics Yes

Salt light indicator Yes

Construction

Tank Deep drawn Filter 4-stages filter system

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

Back panel Galvanized Boiler type Artmosferic boiler

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

rinse spray arms, stainless **Protection class**

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

combined rinse spray arms, stainless steel and plastic

Tank filter **Plastic** Door gasket Top only **Embossed** Rack guides

Accessories Included

Plate basket PB50D01 Water supply pipe Yes - 1.5m **Cutlery basket** PHOOS02 Yes - 2m Drain pipe

PB50G02

Equipment

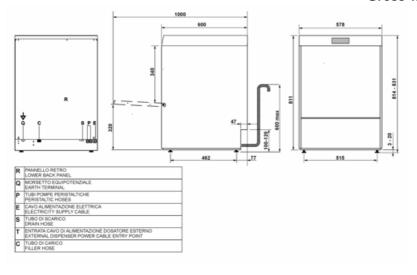
Flat basket



Drain pump	Yes	Cycle counter	Yes
Peristaltic detergent	Yes, manual	Break tank	Yes
dispenser		Partial water exchange	Yes
Peristaltic rinse-aid dispenser	Yes, manual	in the wash tank via built-in drain pump	
Chemical dosing	gr/lt	Water supply pipe	16 mm
Integral continuous	Yes	diameter	
water softener		Drain supply pipe	21.5 mm
Rinse boiler Thermostop	Yes - default	diameter	
system		Detergent (red) hose	Yes, manual
Wash tank Thermostop	Yes	length	
system		Rinse aid (blue) hose	Yes, manual
Wash pump soft start system	Yes	length	

Logistic Information

Packed width660 mmDimensions of the
packed product (mm)990x660x700 mmPackaged depth700 mmpacked product (mm)Height (mm) packed990 mmNet weight (kg)60,000 kgGross weight (kg)68,000 kg





Compatible Accessories



PB50D01

Basket made of polypylene for 18 plates 500x500



PB50G02

Universal basket in polypropylene 500x500



PB50T01

Polypropylene basket for 8 trays GN 1/1 h 40 mm



PHOOGR5

Glass basket for 500x500 mm glasswashers



PHOOS01

Single basket in polypropylene for cutlery



PHOOS02

Basket in polypropylene for cutlery with 6 compartments



WS5

Underframe for glasswahsers 500mm



Symbols glossary



Suitable for 1/1GN trays



HTR rinsing system



5 stand filter





Benefit

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.

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 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.