

SPD505UK

Product Family	Dishwasher
Subfamily	Undercounter dishwashers
Type	Undercounter
Crockery	Crockery; Glasses; Cutlery; GN1/1 trays
Basket dimensions	500x500 mm
Control Panel	Electronic
Rinse pump	HTR system
Wash pump	Standard
Default power supply	230 V~ / 30 A / 6,8 kW / 50 Hz



Target

Industries	Bar / Cafeterias / Bistros / Wine bars / Pubs; Hotels; Ristoranti / Catering; Bakeries / Pastry shops; Butcher shops / Delicatessens; Catering; Care facilities ; Commercial food services
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Aesthetics

Series	Ecoline	Led colour	Red
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Technical Features

Trays washing option	Yes	Max water hardness	12°f - 7°dH
Trays number	7 x GN 1/1 (530 x 325 mm)	Water inlet pressure	1-6 bar / 100-600 kPa
Water consumption per cycle	3,2 l	Detergent flow rate	1.5 l/h
Wash temperature (min-max)	60 °C	Rinse aid flow rate	0.4 l/h
Rinse temperature (min-max)	85 °C	Usable load height	340 mm
Minimum water consumption per cycle	3,2 l	Depth with door open	1000 mm
Warm water connection	8°C	Dimensions	578x600x814 mm
Max. inlet temperature	60°C		

Programmes

Programs	3 automatic programs; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program table	Electronic Ecoline dishwasher 500
Maximum baskets/hour	40
Maximum plates/hour	720
Maximum glasses/hour	1440

Electrical Connection

Plug	(G) UK e Singapore	Wash pump power	700 W
Tank heating element power	2000 W	Default connection	6800 W
Boiler heating element power	6100 W	Electrical connection options	230 V~ / 12 A / 2,7 kW / 50 Hz; 230 V~ / 15 A / 3,4 kW / 50 Hz ; 230 V~ / 20 A / 4,5 kW / 50 Hz ; 400 V 3N~ / 12 A / 6,8 kW / 50 Hz

Interface

Display	4 digit	Salt light indicator	Yes
Number of buttons	5	Manual diagnostics	Yes
On/off indicator	Yes		

Construction

Tank Construction	Deep drawn Partial double wall	Filter	4-stages filter system
Tank material	Stainless steel AISI 304	Wash tank capacity	16 l
Back panel	Galvanized	Boiler capacity	6 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	Boiler type	Artmosferic boiler
Lower washing system	One washing and one combined rinse spray arms, stainless steel and plastic	Noise level	Lpa 54,5 dBA
Tank filter	Plastic	Protection class	IPX4
Door gasket	Top only	Adjustable feet	Yes
Rack guides	Embossed	Drain max. height	600 mm

Accessories Included

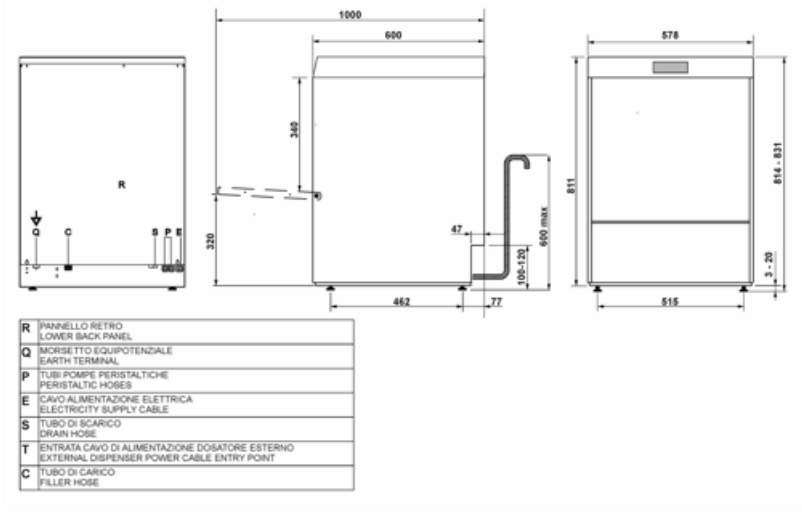
Plate basket	PB50D01	Water supply pipe	Yes - 1.5m
Cutlery basket	PHOOS02	Drain pipe	Yes - 2m
Flat basket	PB50G02		

Equipment

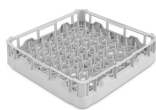
Drain pump	Yes	Cycle counter	Yes
Peristaltic detergent dispenser	Yes, electronic control	Break tank	Yes
Peristaltic rinse-aid dispenser	Yes, electronic control	Partial water exchange in the wash tank via built-in drain pump	Yes
Chemical dosing	gr/lt	Water supply pipe diameter	16 mm
Rinse boiler Thermostop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

Logistic Information

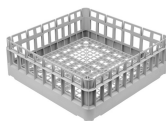
Packed width	660 mm	Dimensions of the packed product (mm)	990X660X700
Packaged depth	700 mm	Net weight (kg)	58,000 kg
Height (mm) packed	990 mm	Gross weight (kg)	66,000



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

**PHOGR5**

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 glasswashers 500mm

Symbols glossary



Suitable for 1/1GN trays



HTR rinsing system



5 stand filter



MAX.USABLE HEIGHT 340mm

Benefit

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.

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.

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.