

# SPD505UK

Product Family	Dishwasher
Subfamily	Undercounter
Type	Undercounter dishwashers
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
Dimensions	578x600x814 mm



## Target

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

Led colour	Red	Series	Ecoline
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## Technical Features

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

## Programmes

<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 baskets/hour</b>	40
<b>Maximum plates/hour</b>	720
<b>Maximum glasses/hour</b>	1440

## Electrical Connection

<b>Tank heating element power</b>	2000 W	<b>Default connection</b>	6800 W
<b>Boiler heating element power</b>	6100 W	<b>Electrical connection options</b>	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
<b>Wash pump power</b>	700 W	<b>Plug</b>	(G) UK e Singapore

## Interface

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

## Construction

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

## Accessories Included

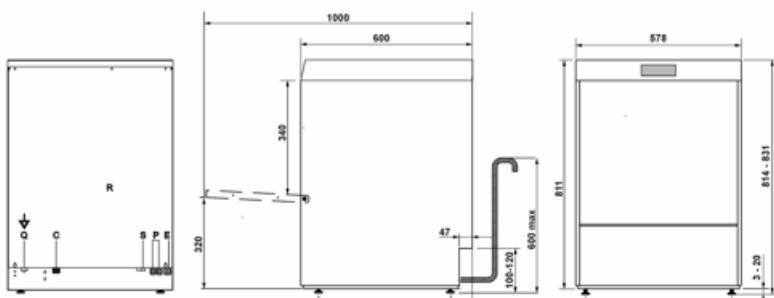
<b>Plate basket</b>	PB50D01	<b>Water supply pipe</b>	Yes - 1.5m
<b>Cutlery basket</b>	1x PHOOS04	<b>Drain pipe</b>	Yes - 2m
<b>Flat basket</b>	PB50G02		

## 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/ltr	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

EAN code	8017709329051	Net weight (kg)	58.000 kg
Packed product dimensions (WxDxH)	990x660x700 mm	Gross weight (kg)	66.000 kg

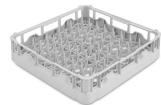


R	PANNELLO RETRO LOWER BACK PANEL
Q	MORSETTO EQUIPOTENZIALE EARTH TERMINAL
P	TUBI POMPE PERISTALTICHE PERISTALTIC HOSES
E	CAVO DI ALIMENTAZIONE ELETTRICA ELECTRICITY SUPPLY CABLE
S	TUBO DI SCARICO DRAIN HOSE
T	ENTRATA CAVO DI ALIMENTAZIONE DOSATORE ESTERNO EXTERNAL DISPENSER POWER CABLE ENTRY POINT
C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

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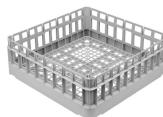
## Compatible Accessories

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**PB50D01**

Basket made of polypylene for 18 plates  
500x500



**PB50G02**

Universal basket in polypropylene  
500x500



**PHOOG5**

Glass basket for 500x500 mm  
glasswashers



**PHOOS01**

Single basket in polypropylene for  
cutlery



**PHOOS04**

4 compartments polypropylene basket  
for cutlery



**WS5**

Underframe for glasswahsers 500mm

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## Symbols glossary

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 **GN1/1** Suitable for 1/1GN trays

 **HTR** rinsing system

 **5** stand filter

 **MAX.USABLE HEIGHT 340mm**

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## Benefit

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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 3rd 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.