

# SPD505SUK

<b>Product Family</b>	Dishwasher
<b>Subfamily</b>	Undercounter dishwashers
<b>Line</b>	Ecoline
<b>Basket dimensions</b>	500x500 mm
<b>Rinse pump</b>	HTR system
<b>Wash pump</b>	Standard
<b>Default power supply</b>	230 V~ / 30 A / 6,8 kW /50 Hz



## Accessories Included

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

## Target

<b>Potential users</b>	Hotels; Restaurants/Catering; QSR
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## 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 glasses/hour</b>	1440

## Interface

<b>On/off indicator</b>	Yes	<b>Manual diagnostics</b>	Yes
<b>Salt light indicator</b>	Yes		

## Construction

<b>Tank</b>	Deep drawn	<b>Rack guides</b>	Embossed
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<b>Construction</b>	Partial double wall	<b>Filter</b>	4-stages filter system
<b>Tank material</b>	Stainless steel AISI 304	<b>Wash tank capacity</b>	16 l
<b>Back panel</b>	Galvanized	<b>Boiler capacity</b>	6 l
<b>Upper washing system</b>	One washing and one split rinse spray arms, stainless steel	<b>Noise level</b>	Lpa 55.5 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>	1000 mm

## Technical Features

<b>Trays washing option</b>	Yes	<b>Max water hardness</b>	54°f - 30°dH
<b>Trays number</b>	7 x GN 1/1 (530 x 325 mm)	<b>Water inlet pressure</b>	1-6 bar / 100-600 kPa
<b>Water consumption per cycle</b>	3,2 l	<b>Detergent flow rate</b>	1.5 l/h
<b>Wash temperature (min-max)</b>	60 °C	<b>Rinse aid flow rate</b>	0.4 l/h
<b>Rinse temperature (min-max)</b>	85 °C	<b>Usable load height</b>	340 mm
<b>Minimum water consumption per cycle</b>	3,2 l	<b>Depth with door open</b>	1000 mm
<b>Warm water connection</b>	8°C	<b>Dimensions</b>	578x600x814 mm
<b>Max. inlet temperature</b>	60°C		

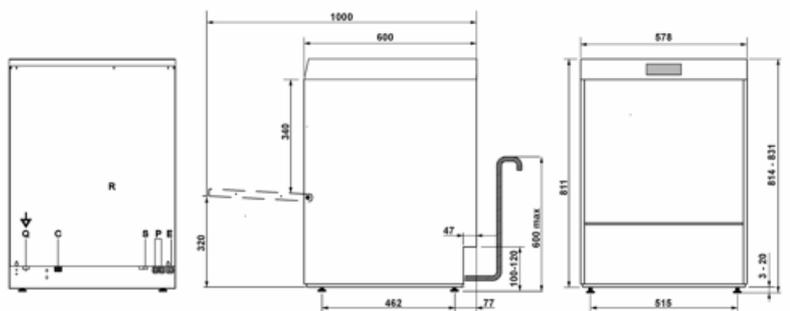
## Electrical Connection

<b>Plug</b>	(G) UK e Singapore	<b>Wash pump power</b>	700 W
<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

## Equipment

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

Wash pump soft start system Yes



R	PANNELLO RETRO LOWER BACK PANEL
Q	MORSETTO EQUIPOTENZIALE EARTH TERMINAL
P	TUBI POMPE PERISTALTICHE PERISTALTIC HOSES
E	CAVO 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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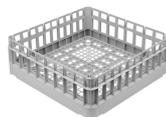
## Compatible Accessories

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**PB50D01**

Basket made of polypropylene 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

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Suitable for 1/1GN trays



HTR rinsing system



5 stand filter



MAX.USABLE HEIGHT 340mm

## Benefit

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### 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.

### 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.

### 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.

### 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.

### 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.

### **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.

### **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.