

# SPG505SUK

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



## Accessories Included

Flat basket	2x PB50G02	Drain pipe	Yes - 2m
Water supply pipe	Yes - 1.5m		

## Target

Potential users	Bars/Cafes
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## Programmes

Maximum baskets/hour	40
Maximum plates/hour	720

## Interface

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

## Construction

Tank	Deep drawn	Hood elevation system	Manual
Construction	Partial double wall	Filter	4-stages filter system
Tank material	Stainless steel AISI 304	Wash tank capacity	13 l
Back panel	Galvanized	Boiler capacity	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>	600 mm
<b>Rack guides</b>	Embossed		

## Technical Features

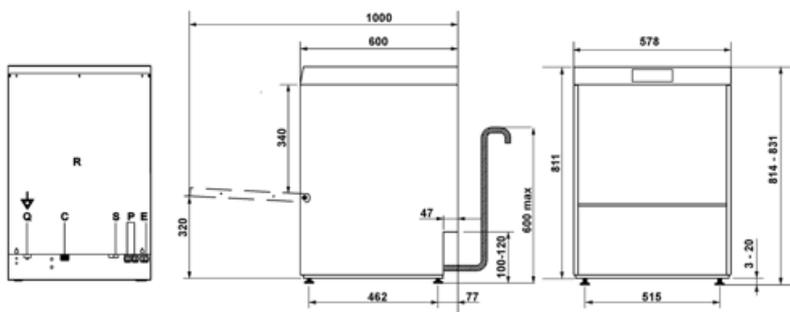
<b>Trays washing option</b>	Yes	<b>Water inlet pressure</b>	1-6 bar / 100-600 kPa
<b>Water consumption per cycle</b>	3,2 l	<b>Detergent flow rate</b>	1.5 l/h
<b>Wash temperature (min-max)</b>	60 °C	<b>Rinse aid flow rate</b>	0.4 l/h
<b>Rinse temperature (min-max)</b>	85 °C	<b>Usable load height</b>	365 mm
<b>Warm water connection</b>	8°C	<b>Depth with door open</b>	1000 mm
<b>Max. inlet temperature</b>	60°C	<b>Dimensions</b>	578x598x820 mm
<b>Max water hardness</b>	12°f - 7°dH		

## 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		

## Equipment

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

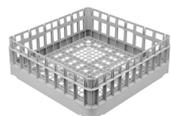


R	Pannello retro	Lower back panel
Q	Morsetto equipotenziale	Earth terminal
C	Tubo di carico	Filler hose
S	Tubo di scarico	Drain hose
P	Tubi pompe peristaltiche	Peristaltic hoses
E	Cavo alimentazione elettrica	Electricity supply cable

## Compatible Accessories



**KITSONLIV**  
Probe level kit



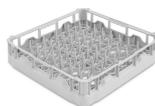
**PB50G02**  
Universal basket in polypropylene  
500x500



**PHOOS02**  
Basket in polypropylene for cutlery with  
6 compartments



**WH00S01**  
Wire insert for 12 small dishes



**PB50D01**  
Basket made of polypylene for 18  
plates 500x500



**PHOOS01**  
Single basket in polypropylene for  
cutlery



**WB50PG5**  
Wire basket with flat bottom for 25  
plastic glasses, dim. (WxDxH)  
500x500x260 mm



**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 365mm

## 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.

### Hood lift

Unprecedented comfort with the patented lifting system

The new ergonomic handle, combined with the patented lifting system, minimises the effort required to open and close the hood, limiting it to just 2.5 kg. This system ensures an exceptionally smooth and lightweight operation, helping to protect the operator's health and well-being, even during extended use.

### 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.

## **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.

## **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.