

SPG505SUK

Product Family	Dishwasher
Subfamily	Undercounter
Type	Undercounter glasswashers
Crockery	Crockery; Glasses; Cutlery
Basket dimensions	500x500 mm
Control Panel	Electronic
Standard drain pump with partial water renewal in the wash tank	Yes
Rinse pump	HTR system
Boiler type	Atmosferic boiler
Wash pump	Standard
Default power supply	230 V~ / 30 A / 6,8 kW /50 Hz
Dimensions	578x598x820 mm



Target

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

Led colour	Red	Series	Ecoline
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Technical Features

Trays washing option	Yes	Max water hardness	60°f - 34°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
Min. water connection temperature	8°C	Usable load height	365 mm
Max. inlet temperature	60°C	Depth with door open	1000 mm

Programmes

Maximum baskets/hour	40
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Maximum plates/hour 720

Electrical Connection

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
Wash pump power	700 W	Plug	No

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	Hood elevation system	Manual
Tank material	Stainless steel AISI 304	Filter	4-stages filter system
Back panel	Stainless steel	Wash tank capacity	13 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	Boiler capacity	6 l
Lower washing system	One washing and one combined rinse spray arms, stainless steel and plastic	Noise level	Lpa 55.5 dBA
Tank filter	Plastic	Protection class	IPX4
Door gasket	Top only	Adjustable feet	Yes
Rack guides	Embossed	Drain max. height	600 mm

Accessories Included

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

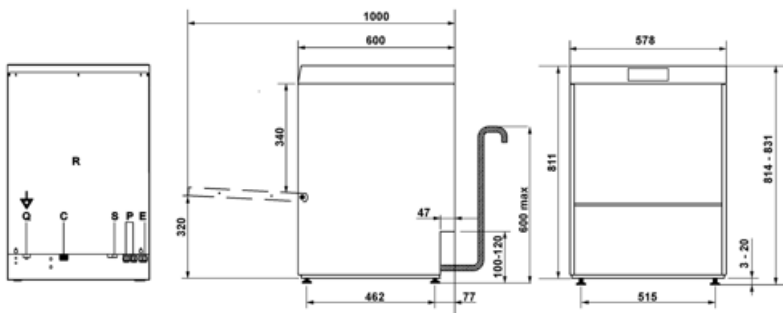
Equipment

Peristaltic detergent dispenser	Yes, electronic control	Option for auto daily switch on	Yes
Peristaltic rinse-aid dispenser	Yes, electronic control	Cycle counter	Yes
Chemical dosing	gr/lt	Break tank	Yes
Integral continuous water softener	Yes	Water supply pipe diameter	DN15 - ½"

Rinse boiler Thermostop system	Yes - default	Drain supply pipe diameter	DN20-G 3/4"
Wash tank Thermostop system	Yes	Detergent (red) hose length	2,2 m
Wash pump soft start system	Yes	Rinse aid (blue) hose length	2,2 m
Stand-by system	Yes		

Logistic Information

EAN code	8017709331559	Net weight (kg)	60,000 kg
Packed product dimensions (WxDxH)	0x0x0 mm	Gross weight (kg)	68,000 kg

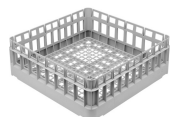


R	Pannello retro	Lower back panel
Q	Morsetto equipotenziale	Earth terminal
C	Tubo di carico	Filler hose
S	Tubo di scarico	Drain hose
P	Tubi pompe peristaltiche	Peristaltic hoses
E	Cavo alimentazione elettrica	Electricity supply cable

Compatible Accessories



KITSONLIV
Probe level kit



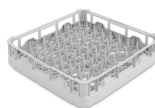
PB50G02
Universal basket in polypropylene
500x500



WB50PG5
Wire basket with flat bottom for 25
plastic glasses, max. H 230 mm, min.-
max. Ø 36-95 mm, dim. (WxDxH)
500x500x260 mm



WS5
Underframe for glasswashers 500mm



PB50D01
Basket made of polypropylene for 18
plates 500x500



PHOOS01
Single basket in polypropylene for
cutlery



WH00S01
Wire insert for 12 small dishes

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.

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.

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.