

SPD505UK

Product Family	Dishwasher
Subfamily	Undercounter dishwashers
Line	Ecoline
Basket dimensions	500x500 mm
Rinse pump	HTR system
Washing pump	Standard



Accessories Included

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

Target

Potential users	Hotels; Restaurants/Catering; QSR
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Programmes

Programs	3 automatic programs; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program specifications	Boiler 85°C/Tank 60°C-2'30"; Boiler 85°C/Tank 60°C-4'; Boiler 85°C/Tank 60°C-1'30"
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	With printed base	Rack guides	Embossed
Construction	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
Door	Double skinned	Noise level	Lpa 55.5 dBA
Upper washing system	One washing and one split rinse spray arms, stainless steel	Protection class	IPX4
Lower washing system	One washing and one combined rinse spray arms, stainless steel and plastic	Adjustable feet	Yes
Tank filter	Plastic	Drain max. height	600 mm
Door gasket	Top only		

Technical Features

Trays washing option	Yes	Inlet water maximum temperature	60°C
Trays number	7 x GN 1/1 (530 x 325 mm)	Max water hardness	12°F - 7°dH
Tank heating element power	2000 W	Water inlet pressure	1-6 bar / 100-600 kPa
Boiler heating element power	6100 W	Detergent flow rate	1.5 l/h
Washing pump power	700 W	Rinse aid flow rate	0.4 l/h
Default connection	7300 W	Usable load height	340 mm
Water consumption per cycle	3,2 l	Depth with door open	1000 mm
Minimum water cycle consumption	3,2 l	Dimensions	578x600x814 mm
Warm water connection	8°C		

Electrical Connection

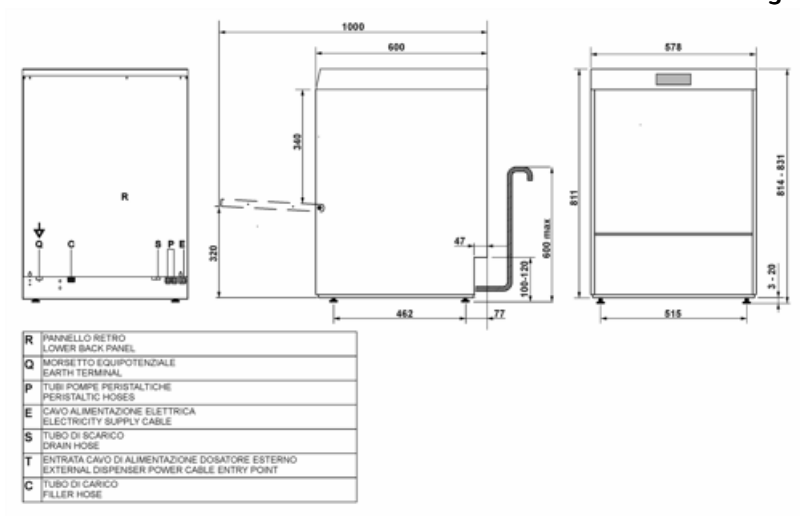
Plug	(G) UK e Singapore	Electrical connection options	230 V~ / 12 A / 2,7 kW / 50 Hz; 230 V~ / 15 A / 3,4 kW / 50 Hz; 230 V~ / 20 A / 4,5 kW / 50 Hz; 400 V 3N~ / 12 A / 6,8 kW / 50 Hz
Default power supply	230 V~ / 30 A / 6,8 kW / 50 Hz		

Equipment

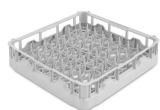
Drain pump	Yes	Cycle counter	Yes
Peristaltic detergent pump	Yes, electronic control	Break tank	Yes
Peristaltic rinse aid pump	Yes, electronic control	Partial water exchange in the wash tank via built-in drain pump	Yes
Chemical dosing	gr/lt	Water supply pipe diameter	16 mm
Boiler thermostop	Yes - default	Drain supply pipe diameter	21.5 mm
Tank thermostop	Yes	Detergent (red) hose length	Yes, manual
Soft Start	Yes		
Automatic start	Yes		

Rinse aid (blue) hose length

Yes, manual

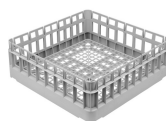


Not included accessories



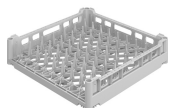
PB50D01

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



Suitable for 1/1GN trays



HTR rinsing system



5 stand filter



MAX.USABLE HEIGHT 340mm

Benefit

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.

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.

Electronic interface

Control panel with electronic buttons

The electronic version features an intuitive interface with soft-touch buttons, allowing the selection of one of three washing programs based on the level of dirt: short, medium, or intense. Additionally, there are buttons for power on, automatic drain cycle initiation, and final self-cleaning. The display allows real-time monitoring of the temperature, cycle duration, and diagnostics, ensuring simple and immediate control.