

SPD512UK

Product Family	Dishwasher
Subfamily	Undercounter dishwashers
Type	Double basket
Line	Ecoline
Basket dimensions	500x500 mm
Rinse pump	HTR system
Wash pump	Standard



Accessories Included

Plate basket	PB50D01	Water supply pipe	Yes - 2m
Cutlery basket	PHOOS02	Drain pipe	Yes - 2m
Flat basket	PB50G01		

Target

Potential users	Bars/Cafes; Hotels; Offices; QSR
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Programmes

Programs	6 automatic programs; 1 fully programmable program; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program specifications	Boiler 71°C/Tank 60°C-60"; Boiler 71°C/Tank 60°C-1'20"; Boiler 85°C/Tank 60°C-60"; Boiler 85°C/Tank 60°C-1'10"; Boiler 85°C/Tank 60°C-2'30"; Boiler 85°C/Tank 60°C- 4'10"; Boiler 85°C/Tank 60°C-1'30"
Maximum baskets/hour	60
Maximum plates/hour	1620
Maximum glasses/hour	2160

Interface

Display	8 digit	Cycle progress indicator	Yes
On/off indicator	Yes	End of cycle indicator	Yes

Low rinse aid alert	Yes	Manual diagnostics	Yes
Low detergent alert	Yes		

Construction

Tank Construction	Deep drawn Double wall	Door gasket	On 3 sides
Tank material	Stainless steel AISI 304	Rack guides	Embossed low, telescopic up
Back panel	Galvanized	Filter	5-stages filter system
Counter balanced door	Yes	Wash tank capacity	11 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	Boiler capacity	6.5 l
Lower washing system	One washing and one combined rinse spray arms, stainless steel and plastic	Protection class	IPX4
Tank filter	Stainless steel	Adjustable feet	Yes
		Drain max. height	600 mm

Technical Features

Trays washing option	Yes	Max water hardness	12°f - 7°dH
Trays number	7 x GN 1/1 (530 x 325 mm)	Water inlet pressure	1-6 bar / 100-600 kPa
Tank heating element power	2000 W	Detergent flow rate	1.5 l/h
Boiler heating element power	6100 W	Rinse aid flow rate	0.4 l/h
Wash pump power	700 W	Usable load height	400 mm
Default connection	6800 W	Depth with door open	1020 mm
Water consumption per cycle	3,2 l	Configuration 1: lower basket maximum height for glasses / upper basket for dishes	110mm e 225mm
Minimum water consumption per cycle	3,2 l	Configuration 2: lower and upper basket set at maximum height	190mm e 145mm
Warm water connection	8°C	Dimensions	600x600x822 mm
Max. inlet temperature	60°C		

Electrical Connection

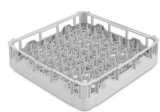
Default power supply	230 V~ / 30 A / 6,8 kW / 50 Hz	Electrical connection options	230 V~ / 12 A / 2,7 kW / 50 Hz; 230 V~ / 15 A / 3,4 kW / 50 Hz; 230 V~ / 20 A / 4,5 kW / 50 Hz; 400 V 3N~ / 12 A / 6,8 kW / 50 Hz
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Equipment

Drain pump	Yes	Option for auto daily switch on	Yes
Peristaltic detergent dispenser	Yes, electronic control	Cycle counter	Yes
		Break tank	Yes

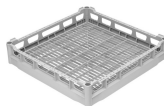
Peristaltic rinse-aid dispenser	Yes, electronic control	Partial water exchange in the wash tank via built-in drain pump	Yes
Chemical level probe	Yes, optional KITSONLIV	Water supply pipe diameter	16 mm
Chemical dosing	gr/lt	Drain supply pipe diameter	21.5 mm
Rinse boiler Thermostop system	Yes - default	Detergent (red) hose length	Yes, manual
Wash tank Thermostop system	Yes	Rinse aid (blue) hose length	Yes, manual
Wash pump soft start system	Yes		
Stand-by system	Yes		

Compatible Accessories



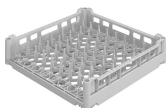
PB50D01

Basket made of polypropylene for 18 plates
500x500



PB50G01

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



WB50PG5

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



WH00S01

Wire insert for 12 small dishes



WS5

Underframe for glasswashers 500mm

Symbols glossary



Suitable for 1/1GN trays



HTR rinsing system



Max usable height 400mm



5 STAGE FILTER

Benefit

Balanced door

Effortless opening and closing

Effortless opening and closing

The counterbalanced door is designed to ensure smooth and effortless opening and closing, providing high user convenience. Additionally, it can be locked in a halfway position, a particularly useful feature for promoting natural drying at the end of the workday, enhancing overall hygiene and preventing the buildup of residual moisture.

5-stage system

Deep cleaning and spotless washes with the patented filtration system

The innovative Smeg filtration system consists of 5 stages to completely eliminate all impurities: the 1st stage captures larger food residues; in the 2nd and 3rd stages, finer particles are captured at this filtration stage; the 4th 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.

The presence sensor filter alerts if the filtration system is out of position, ensuring safe washes every time.

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.

Integral double skin

Thermal and acoustic insulation guaranteed

The double wall is designed to optimise energy efficiency by reducing heat loss and accelerating water heating, resulting in lower energy consumption and faster cycle start-up times. Additionally, it provides effective acoustic insulation, helping to reduce noise and ensuring a quieter, more comfortable working environment for the 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.

Double basket

Double load capacity for maximum productivity

Designed to ensure maximum productivity and high configuration flexibility. This solution represents a sustainable choice, as it allows for handling larger loads while reducing the number of cycles required. In doing so, it optimises the use of resources such as energy, water, and detergents.