

# SPD512SUK

<b>Product Family</b>	Dishwasher
<b>Subfamily</b>	Undercounter
<b>Type</b>	Undercounter dishwashers
<b>Crockery</b>	Crockery; Glasses; Cutlery; GN1/1 trays
<b>Double basket</b>	Yes
<b>Basket dimensions</b>	500x500 mm
<b>Control Panel</b>	Electronic
<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
<b>Dimensions</b>	600x600x822 mm



## Target

<b>Industries</b>	Bar / Cafeterias / Bistros / Wine bars / Pubs; Hotels; Ristoranti / Catering; Bakeries / Pastry shops; Care facilities ; Commercial food services; Grocery shops / Food retail
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## Aesthetics

<b>Led colour</b>	Green	<b>Series</b>	Topline
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## Technical Features

<b>Trays number</b>	7 x GN 1/1 (530 x 325 mm)	<b>Max water hardness</b>	12°f - 7°dH
<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>	71 °C - 85 °C	<b>Usable load height</b>	400 mm
<b>Warm water connection</b>	8°C	<b>Depth with door open</b>	1020 mm
<b>Minimum water consumption per cycle</b>	3,2 l	<b>Configuration 1: lower basket maximum height for glasses / upper basket for dishes</b>	110mm e 225mm
<b>Max. inlet temperature</b>	60°C	<b>Configuration 2: lower and upper basket set at maximum height</b>	190mm e 145mm

## Programmes

<b>Programs</b>	6 automatic programs; 1 fully programmable program; Self-cleaning programs
<b>Program options</b>	Extra rinse; Clean water cycle
<b>Program table</b>	Easyline dishwasher and traywasher 500
<b>Maximum baskets/hour</b>	60
<b>Maximum plates/hour</b>	3240
<b>Maximum glasses/hour</b>	4320

## 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		

## Interface

<b>Display</b>	8 digit	<b>Low detergent alert</b>	Yes
<b>On/off indicator</b>	Yes	<b>Cycle progress indicator</b>	Yes
<b>Salt light indicator</b>	Yes	<b>End of cycle indicator</b>	Yes
<b>Low rinse aid alert</b>	Yes	<b>Manual diagnostics</b>	Yes

## Construction

<b>Tank Construction</b>	Deep drawn Double wall	<b>Rack guides</b>	Embossed low, telescopic up
<b>Tank material</b>	Stainless steel AISI 304	<b>Filter</b>	5-stages filter system
<b>Back panel</b>	Galvanized	<b>Wash tank capacity</b>	11 l
<b>Counter balanced door</b>	Yes	<b>Boiler capacity</b>	6,5 l
<b>Upper washing system</b>	One washing and one split rinse spray arms, stainless steel	<b>Boiler type</b>	Artmosferic boiler
<b>Lower washing system</b>	One washing and one split rinse spray arms, stainless steel	<b>Noise level</b>	Lpa 54,5 dBA
<b>Tank filter</b>	Stainless steel	<b>Protection class</b>	IPX4
<b>Door gasket</b>	On 3 sides	<b>Adjustable feet</b>	Yes
		<b>Drain max. height</b>	600 mm

## Accessories Included

<b>Plate basket</b>	PB50D01	<b>Water supply pipe</b>	Yes - 2m
<b>Cutlery basket</b>	PHOOS01	<b>Drain pipe</b>	Yes - 2m
<b>Flat basket</b>	PB50G01		

## Equipment

<b>Drain pump</b>	Yes	<b>Stand-by system</b>	Yes
<b>Peristaltic detergent dispenser</b>	Yes, electronic control	<b>Option for auto daily switch on</b>	Yes
<b>Peristaltic rinse-aid dispenser</b>	Yes, electronic control	<b>Cycle counter</b>	Yes
<b>Chemical level probe</b>	Yes, optional KITSONLIV	<b>Break tank</b>	Yes
<b>Chemical dosing</b>	gr/lt	<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

## Logistic Information

<b>EAN code</b>	8017709331610	<b>Net weight (kg)</b>	65,000 kg
<b>Packed product dimensions (WxDxH)</b>	990x660x700 mm	<b>Gross weight (kg)</b>	73,000 kg

## Compatible Accessories



### PB50D01

Basket made of polypropylene for 18 plates  
500x500



### PB50G01

Universal basket in polypropylene  
500x500



### PHOGR5

Glass basket for 500x500 mm  
glasswashers



### PHOOS01

Single basket in polypropylene for  
cutlery



### PHOOS04

4 compartments polypropylene basket  
for cutlery



### 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

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# Symbols glossary

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Suitable for 1/1GN trays



HTR rinsing system



Max usable height 400mm



5 STAGE FILTER

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## Benefit

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### 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.

### 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.

### 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.