

SPD512SUK

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|----------------------|---|
| Product Family | Dishwasher |
| Subfamily | Undercounter dishwashers |
| Type | Undercounter |
| Double basket | Yes |
| Crockery | Crockery; Glasses; Cutlery; GN1/1 trays |
| Basket dimensions | 500x500 mm |
| Control Panel | Electronic |
| Rinse pump | HTR system |
| Wash pump | Standard |
| Default power supply | 230 V~ / 30 A / 6,8 kW /50 Hz |



Target

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| Industries | 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

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|--------|---------|------------|-------|
| Series | Topline | Led colour | Green |
|--------|---------|------------|-------|

Technical Features

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|-------------------------------------|---------------------------|--|-----------------------|
| Trays washing option | Yes | Water inlet pressure | 1-6 bar / 100-600 kPa |
| Trays number | 7 x GN 1/1 (530 x 325 mm) | Detergent flow rate | 1.5 l/h |
| Water consumption per cycle | 3,2 l | Rinse aid flow rate | 0.4 l/h |
| Wash temperature (min-max) | 60 °C | Usable load height | 400 mm |
| Rinse temperature (min-max) | 71 °C - 85 °C | Depth with door open | 1020 mm |
| Minimum water consumption per cycle | 3,2 l | Configuration 1: lower basket maximum height for glasses / upper basket for dishes | 110mm e 225mm |
| Warm water connection | 8°C | Configuration 2: lower and upper basket set at maximum height | 190mm e 145mm |
| Max. inlet temperature | 60°C | Dimensions | 600x600x822 mm |
| Max water hardness | 12°f - 7°dH | | |

Programmes

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| Programs | 6 automatic programs; 1 fully programmable program; Self-cleaning programs |
| Program options | Extra rinse; Clean water cycle |
| Program table | Easyline dishwasher and traywasher 500 |
| Maximum baskets/hour | 60 |
| Maximum plates/hour | 1620 |
| Maximum glasses/hour | 2160 |

Electrical Connection

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|-------------------------------------|--------|--------------------------------------|---|
| 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 | | |

Interface

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

Construction

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|------------------------------|---|---------------------------|-----------------------------|
| Tank Construction | Deep drawn Double wall | Rack guides | Embossed low, telescopic up |
| Tank material | Stainless steel AISI 304 | Filter | 5-stages filter system |
| Back panel | Galvanized | Wash tank capacity | 11 l |
| Counter balanced door | Yes | Boiler capacity | 6.5 l |
| Upper washing system | One washing and one split rinse spray arms, stainless steel | Boiler type | Artmosferic boiler |
| Lower washing system | One washing and one split rinse spray arms, stainless steel | Noise level | Lpa 54,5 dBA |
| Tank filter | Stainless steel | Protection class | IPX4 |
| Door gasket | On 3 sides | Adjustable feet | Yes |
| | | Drain max. height | 600 mm |

Accessories Included

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

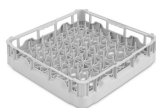
Equipment

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

Logistic Information

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| Packed width | 660 mm | Dimensions of the packed product (mm) | 990X660X700 |
| Packaged depth | 700 mm | Net weight (kg) | 65.000 kg |
| Height (mm) packed | 990 mm | Gross weight (kg) | 73.000 |

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.

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.