

SPD512UK

Product Family Dishwasher Subfamily Undercounter

Undercounter dishwashers Type

Crockery Crockery; Glasses; Cutlery; GN1/1

trays

Double basket Yes

Basket dimensions 500x500 mm **Control Panel** Electronic Rinse pump HTR system Wash pump Standard

230 V~ / 30 A / 6,8 kW /50 Hz Default power supply



Target

Bar / Cafeterias / Bistros / **Industries**

> Wine bars / Pubs: Hotels: Ristoranti / Catering; Bakeries / Pastry shops; Care facilities; Commercial food services; Grocery shops / Food retail

Aesthetics

Topline Led colour Series Green

Technical Features

Trays washing option

7 x GN 1/1 (530 x 325 mm) Trays number 1.5 l/h Detergent flow rate

Water consumption per 3,2 I

cycle

Wash temperature 60°C

(min-max)

Rinse temperature (min- 71 °C - 85 °C

max)

Minimum water 3,2 I

consumption per cycle

Warm water connection 8°C Max. inlet temperature 60°C

12°f - 7°dH Max water hardness

Water inlet pressure 1-6 bar / 100-600 kPa

Rinse aid flow rate 0.4 l/h Usable load height 400 mm 1020 mm Depth with door open

Configuration 1: lower 110mm e 225mm basket maximum height

for glasses / upper basket for dishes

Configuration 2: lower and upper basket set at

maximum height

Dimensions 600x600x822 mm

190mm e 145mm



Programmes

6 automatic programs; 1 fully programmable program; **Programs**

Self-cleaning programs

Program options Extra rinse; Clean water cycle

Program table Easyline dishwasher and traywasher 500

Maximum baskets/hour 60 3240 Maximum plates/hour 4320 Maximum glasses/hour

6100 W

Electrical Connection

2000 W **Default connection** 6800 W Tank heating element

power

Boiler heating element

power

Wash pump power 700 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

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 Deep drawn

Construction Double wall

Tank material Stainless steel AISI 304

Back panel Galvanized

Counter balanced door

Upper washing system One washing and one split

rinse spray arms, stainless

steel

PB50G01

Lower washing system One washing and one

combined rinse spray arms,

stainless steel and plastic

Tank filter Stainless steel Door gasket On 3 sides

Rack guides Embossed low, telescopic

Filter 5-stages filter system

Wash tank capacity **Boiler capacity** 6.5 I

Boiler type Artmosferic boiler Lpa 54,5 dBA Noise level

Protection class IPX4 Adjustable feet Yes Drain max. height 600 mm

Accessories Included

Flat basket

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



Equipment

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

Logistic Information

Packed width660 mmDimensions of the
packed product (mm)990x660x700 mmPackaged depth700 mmpacked product (mm)Height (mm) packed990 mmNet weight (kg)62,000 kgGross weight (kg)70,000 kg



Compatible Accessories



PB50D01

Basket made of polypylene for 18 plates 500x500



PB50G01

Universal basket in polypropylene 500x500



PB50T01

Polypropylene basket for 8 trays GN 1/1 h 40 mm



PHOOGR5

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 glasswahsers 500mm



Symbols glossary

GN1/1

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.