

SPD512SUK

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

1-6 bar / 100-600 kPa 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

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

Configuration 1: lower basket maximum height for glasses / upper basket for dishes

Configuration 2: lower and upper basket set at maximum height

Dimensions 600x600x822 mm

110mm e 225mm

190mm e 145mm



Programmes

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/hour60Maximum plates/hour3240Maximum glasses/hour4320

6100 W

Electrical Connection

Tank heating element 2000 W Default connection 6800 W

power

Boiler heating element

power

Wash pump power 700 W

Electrical connection 230 V~

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

Display8 digitLow detergent alertYesOn/off indicatorYesCycle progress indicatorYesSalt light indicatorYesEnd of cycle indicatorYesLow rinse aid alertYesManual diagnosticsYes

Construction

TankDeep drawnRack guidesEmbossed low, telescopicConstructionDouble wall

Tank material Stainless steel AISI 304 Filter 5-stages filter system

Back panel Galvanized Wash tank capacity 111

Counter balanced door Yes Boiler capacity 6.51

Upper washing system One washing and one split Boiler type Artmosferic boiler

rinse spray arms, stainless Noise level Lpa 54,5 dBA steel Protection class

Lower washing system
One washing and one split rinse spray arms, stainless
Train max. height

Steel
Protection class
Adjustable feet
Yes
Drain max. height

steel

Tank filter Stainless steel

On 3 sides

PB50G01

Accessories Included

Door gasket

Flat basket

Plate basketPB50D01Water supply pipeYes - 2mCutlery basketPH00S02Drain pipeYes - 2m



Equipment

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

Logistic Information

Packed width	660 mm	Dimensions of the	990x660x700 mm
Packaged depth	700 mm	packed product (mm)	
Height (mm) packed	990 mm	Net weight (kg)	65.000 kg
		Gross weight (kg)	73.000 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.

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.