

SPD525SE

Product Family	Dishwasher
Subfamily	Undercounter
Type	Undercounter dishwashers
Crockery	Crockery; Glasses; Cutlery; GN1/1 trays
Basket dimensions	500x500 mm
Control Panel	Touch screen
Standard drain pump with partial water renewal in the wash tank	Yes
Rinse pump	Self-Adaptive HTR+
Boiler type	Atmospheric Boiler
Wash pump	Variable speed AdaptWash
DHR - drain water heat recovery	Yes
Default power supply	400 V 3N~ / 15 A / 8,4 kW / 50 Hz
Dimensions	600x600x822 mm



Target

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

Led colour	White	Series	Pura
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Technical Features

Trays number	7 x GN1/1	Max. inlet temperature	20°C
Trays washing option	Yes	Max water hardness	60°F - 34°dH
Water consumption per cycle	2,5 l	Water inlet pressure	100-1000 kPa
Wash temperature (min-max)	60 °C - 70 °C	Detergent flow rate	1.5 l/h
Rinse temperature (min-max)	65 °C - 87 °C	Rinse aid flow rate	0.4 l/h
Cold rinse temperature	24 °C	Usable load height	400 mm
Min. water connection temperature	8°C	Depth with door open	1020 mm
Minimum water consumption per cycle	1,8 l		

Programmes

Programs	10 customizable programs; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program table	Pura dishwasher 500
Program visibility	Yes
Maximum baskets/hour	60
Maximum plates/hour	1080
Maximum glasses/hour	2160

Connectivity

SmegConnect	Yes	Connectivity	Wi-Fi
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Electrical Connection

Tank heating element power	2000 W	Default connection	8400 W
Boiler heating element power	5700 W	Electrical connection options	230 V 3~ / 24 A / 8,4 kW / 50 Hz; 230 V~ / 14 A / 3,1 kW / 50 Hz; 230 V~ / 31 A / 7,1 kW / 50 Hz
Wash pump power	700 W	Plug	No

Interface

Display	TFT	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

Tank Construction	Deep drawn Double wall	Filter	5-stages filter system
Tank material	Stainless steel AISI 304	Filter presence sensor	Yes
Back panel	Stainless steel	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	Noise level	Lpa 54,5 dBA
Lower washing system	One washing and one split rinse spray arms, stainless steel	USB port	Yes
Tank filter	Stainless steel	Protection class	IPX4
Door gasket	On 3 sides	Adjustable feet	Yes
Rack guides	Embossed	Drain max. height	600 mm

Accessories Included

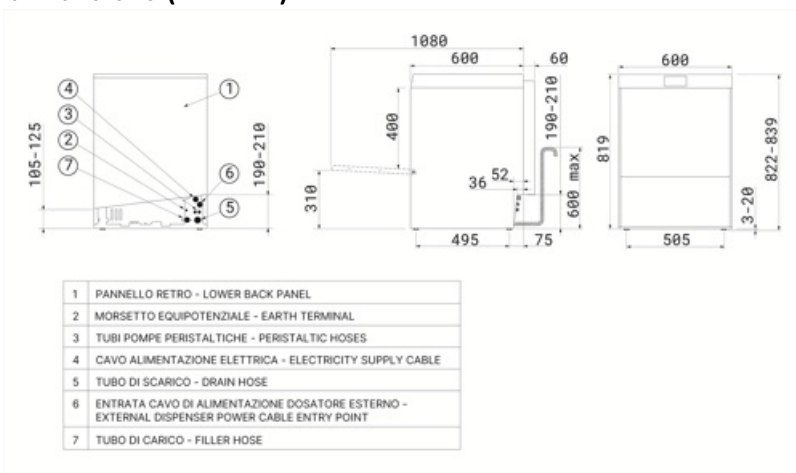
Plate basket	PB50D01	Water supply pipe	Yes - 2m
Cutlery basket	1x PHOOS04	Drain pipe	Yes - 2m
Flat basket	PB50G02		

Equipment

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
Integral continuous water softener	Yes	Water supply pipe diameter	DN15 - ½"
Rinse boiler Thermostop system	Yes - default	Drain supply pipe diameter	DN20-G 3/4"
Wash tank Thermostop system	Yes	Detergent (red) hose length	2,2 m
Wash pump soft start system	Yes	Rinse aid (blue) hose length	2,2 m
Stand-by system	Yes		

Logistic Information

EAN code	8017709360412	Net weight (kg)	72,000 kg
Packed product dimensions (WxDxH)	660x700x990 mm	Gross weight (kg)	80,000 kg



Compatible Accessories



KITDETKCC500

Kit for detergent (1l) and rinse storage (1l) for dishwashers 500x500



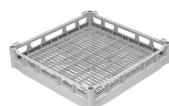
KITSONLIV

Probe level kit



PB50D01

Basket made of polypropylene for 18 plates 500x500



PB50G01

Universal basket in polypropylene 500x500



PB50G02

Universal basket in polypropylene 500x500



PHOOS01

Single basket in polypropylene for cutlery



PHOOS04

4 compartments polypropylene basket for cutlery



WB50D01

Wire basket for 18 dishes and trays 500x500



WB50G01

Universal wire basket with flat bottom 500x500



WB50G02

Wire basket for glasses with inclined bottom 500x500



WB50G03

Wire basket for glasses with inclined bottom 500x500



WB50G04

Wire basket for glasses with inclined bottom 500x500



WB50PG5

Wire basket with flat bottom for 25 plastic glasses, max. H 230 mm, min.-max. Ø 36-95 mm, dim. (WxDxH) 500x500x260 mm



WB50T02

Wire basket for 5 trays 600x500



WH00S01

Wire insert for 12 small dishes



WS5

Underframe for glasswashers 500mm

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

Self-adaptive rinsing system for intelligent water management

The self-Adaptive HTR+ System monitors and adjusts the rinse volume with each wash cycle. The intelligent rinse management ensures the perfect amount of water and heat on the dishes, delivering consistent, reliable results, cycle after cycle.

DHR System

Drain heat recovery system, designed to optimise performance and maximise energy efficiency

At the end of the wash cycle, the residual hot water is directed into the DHR module, where a heat exchanger transfers the energy to the incoming mains cold water. The preheated water is then supplied to the boiler, helping to provide the hot water required for the subsequent rinse cycle. The result is tangible energy savings with every cycle, delivering immediate benefits in terms of operating costs and system sustainability: +18% energy savings per cycle.

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.

MyPersonal Wash

10 pre-set washing programmes for a complete and ready-to-use solution.

Each model in the PURA range offers 10 tested programmes, ensuring ready-to-use solutions for any washing requirement. With the MyPersonal Wash function, parameters such as time, temperature, pressure, and washing options can be customised, optimising cycles for delicate dishes or stubborn dirt. The result is a tailored wash, always flawless.

AdaptWash system

Consistently perfect washing pressure for flawless results with every wash

The AdaptWash system offers 3 pressure levels that automatically adjust based on the selected program, ensuring optimal cleaning for every type of load.

Program visibility

Program selection displayed for simplified dishwasher management

Users can select the programs to be displayed, hiding those that are unnecessary or unused. This feature not only helps prevent improper use of the appliance but also represents a significant step towards fully customising the user experience.