

SPD525SE

Family Professional dishwasher

Subfamily Undercounter

Type Undercounter dishwashers

Crockery; Glasses; Cutlery; GN1/1

trays

Basket dimensions500x500 mmControl panelTouch screen

Rinse pump Self-Adaptive HTR+

Wash pump Variable speed AdaptWash

DHR - drain water heat recovery Yes

Power connection 400 V 3N~ / 15 A / 8,4 kW / 50 Hz

Product dimensions (WxDxH) 600x600x822 mm



Target

Industries Bar / Cafeterias / Bistros /

Wine bars / Pubs; Hotels; Ristoranti / Catering; Bakeries / Pastry shops;

Butcher shops /

Delicatessens; Catering; Care facilities; Commercial food services; Grocery shops / Food retail

Aesthetics

Series Pura Led color White

Technical Features

Trays washing option Yes

Trays number 7 x GN 1/1 (530 x 325 mm)

Water consumption per 2,5 l

cycle

Wash temperature 60 °C - 70 °C

(min-max)

Rinse temperature (min- 65 °C - 87 °C

max)

Cold rinse temperature 24 °C Minimum water 1.8 I

consumption per cycle

Max. inlet temperature 60°C

Max water hardness 54°f - 30°dH

Inlet pressure 100-1000 kPa (min-max)

Detergent load 1,5 l/h
Rinse load 0,4 l/h
Usable load height 400 mm
Depth with open door 1020 mm



Min. water connection temperature

5°C

Programs

Programs 10 customizable programs; Self-cleaning programs

Extra rinse; Clean water cycle **Program options**

Program table Pura dishwasher 500

Program visibility Yes Maximum basket/hour 60 Maximum dishes/hour 1080 Maximum glasses/hour 2160

Connectivity

SmegConnect Pro Yes Connectivity Wi-Fi

Electrical Connection

2000 W **Default connection** 8400 W Tank heating element

power Optional electrical

230 V 3~ / 24 A / 8,4 kW / **Boiler heating element** 5700 W connection 50 Hz; 230 V~ / 14 A / 3,1

kW / 50 Hz; 230 V~ / 31 A / power 7,1 kW / 50 Hz

Wash pump power 700 W Plug Not present

Interface

TFT Display Detergent missing alert Yes On/Off button Yes Cycle progress alert Yes Yes Salt alert End-cycle alert Yes Rinse aid missing alert Yes Manual diagnostic Yes

Construction

Tank Filter Deep drawn 5-stage filter system

Construction Integral double-skin Filter presence sensor Yes Tank capacity Tank material Stainless steel AISI 304 11 I

Galvanized 6.5 I **Back panel Boiler** capacity **Balanced door** Yes Boiler type

Artmosferic boiler Upper wash system One wash and one split Noise Lpa 54,5 dBA

rinse spray arms, stainless steel USB port Yes **Protection class** IPX4 Lower wash system One wash and one split Adjustable feet Yes rinse spray arms, stainless

Drain max. height 600 mm steel



Tank filterStainless steelDoor gasketOn 3 sidesRack guidesEmbossed

Accessories included

Dish basket1x PB50D01Water supply hoseYes - 2 mCutlery basket1x PH00S04Drain hoseYes - 2m

Flat basket 1x PB50G02

Equipments

Drain pump Yes Option for auto daily Yes, default OFF

Peristaltic detergent Electronic control switch on Cycle counter Yes

Peristaltic rinse-aid Electronic control Break tank Yes dispenser Partial renewal of water Yes

Chemicals level probe Yes, with optional kit in the tank and built-in

KITSONLIV drain pump

Automatic built softener Yes Water supply pipe DN15 - ½"

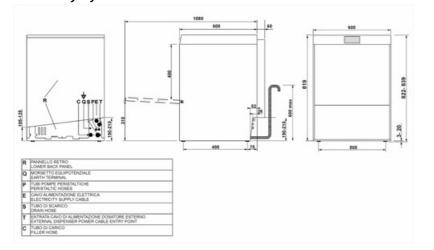
Rinse boiler Thermostop Yes - default diameter

system Drain supply pipe DN20-G 3/4"
Wash tank Thermoston Yes diameter

Wash tank Thermostop Yes diameter
system Detergent (red) hose 2,2 m

Wash pump soft start Yes lenght
system Rinse aid (blue) hose 2,2 m

system Rinse aid (blue) hose 2,2 r
Stand-by system Yes lenght





Compatible Accessories

KITDETKCC500



Kit for detergent (11) and rinse aid (11) storage for double wall models

KITSONLIV

Probe level kit



PB50D01



Polypropylene basket for 18 plates Ø250 mm max, dim.(WxDxH) 500x500x105 mm

Universal flat bottom polypropylene

basket, internal height 150 mm, dim.

(WxDxH) 500x500x170 mm



PB50G01

Universal flat bottom polypropylene basket, internal height 73 mm, dim. (WxDxH) 500x500x100 mm



PB50G02

PHOOS01

Polypropylene single basket for cutlery



PHOOS04

4 compartments polypropylene basket for cutlery

Universal wire basket with flat bottom,

internal height 120 mm, dim. (WxDxH)

Wire basket with sloped bottom for

glasses Ø72 mm max, dim. (WxDxH)



WB50D01

Wire basket for 18 dishes Ø250 mm max or trays h 370 mm, dim. (WxDxH) 500X500x92 mm



WB50G01



WB50G02

Wire basket with sloped bottom for 25 glasses Ø90 mm max, dim. (WxDxH) 500x500x170 mm



WB50G03

500x500x130 mm

500x500x235 mm

500x500x260 mm



WB50G04

Wire basket with sloped bottom for 12 glasses Ø110 mm max, dim. (WxDxH) 500x500x165 mm

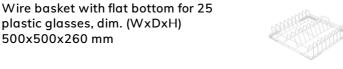


WB50PG5



WB50T02





Wire basket for 7 trays GN1/1 h 20 mm, dim. (WxD) 500x500 mm



WH00S01



Wire insert for 17 small dishes, width 100 mm, for flat bottom baskets 500x500 and 600x500 mm



WS5

Stainless steel underframe for undercounter glasswashers and dishwashers 500 mm, dim. (WxDxH) 595x595x490 mm



Symbols glossary

A0=

THERMODESINFECTION A0=30



SUITABLE FOR GASTRONORM TRAY



Wi-Fi connectivity



5 STAGE FILTER



THERMODESINFECTION A0=60



HTR RINSING SYSTEM



MAX. USABLE HEIGHT 400mm



Professional appliance with Wi-fi connectivity and remote control via Remote SmegConnectPro App.



Benefit (TT)

Balanced door

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.

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-skin design of undercounter dishwashers is engineered to optimise energy efficiency by minimising heat loss and accelerating water heating, resulting in lower energy consumption and faster start-up times. Additionally, it provides effective sound insulation, helping to reduce noise levels and ensuring a quieter, more comfortable working environment for 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.