

# SPD522

Family	Professional dishwasher
Subfamily	Undercounter
Type	Undercounter dishwashers
Crockery	Crockery; Glasses; Cutlery; GN1/1 trays
Double basket	Yes
Basket dimensions	500x500 mm
Control panel	Touch screen
Rinse pump	Self-Adaptive HTR+
Wash pump	Variable speed AdaptWash
Power connection	400 V 3N~ / 15 A / 8,4 kW / 50 Hz
Product dimensions (WxDxH)	600x600x822 mm
Partial renewal of water in the tank and built-in drain pump	Yes



## Target

Industries	Bar / Cafeterias / Bistros / Wine bars / Pubs; Hotels; Restaurants; Bakeries / Pastry shops; Care facilities ; Grocery shops / Food retail; Commercial food services
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## Aesthetics

Led color	White	Series	Pura
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## Technical Features

Trays number	7 x GN1/1	Inlet pressure	100-1000 kPa (min-max)
Trays washing option	Yes	Detergent load	1,5 l/h
Water consumption per cycle	2,5 l	Rinse load	0,4 l/h
Wash temperature (min-max)	60 °C - 70 °C	Usable load height	400 mm
Rinse temperature (min-max)	65 °C - 87 °C	Depth with open door	1020 mm
Min. water connection temperature	5°C	Configuration 1: maximum height for glasses lower basket/ Ø dishes upper basket	110 mm/225 mm
Minimum water consumption per cycle	1,8 l	Configuration 2: max H glasses lower basket /max Ø dishes upper basket	190 mm/145 mm
Max. inlet temperature	60°C		
Max water hardness	5°f - 3°dH		

<b>Configuration 3: max Ø dishes lower basket</b>	415 mm
<b>Max dish diameter upper basket</b>	225 mm

## Programs

<b>Programs</b>	10 customizable programs; Self-cleaning programs
<b>Program options</b>	Extra rinse; Clean water cycle
<b>Program table</b>	Pura dishwasher twin basket 500
<b>Program visibility</b>	Yes
<b>Maximum basket/hour</b>	90
<b>Maximum dishes/hour</b>	3240
<b>Maximum glasses/hour</b>	4320

## Connectivity

<b>SmegConnect Pro Connectivity</b>	Yes Wi-Fi	<b>PST certificate support period [UK]</b>	24 months
		<b>UK PSTI support period end date</b>	2027-12-31

## Electrical Connection

<b>Tank heating element power</b>	2000 W	<b>Default connection</b>	8400 W
<b>Boiler heating element power</b>	5700 W	<b>Optional electrical connection</b>	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
<b>Wash pump power</b>	700 W	<b>Plug</b>	Not present

## Interface

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

## Construction

<b>Tank Construction</b>	Deep drawn Integral double-skin	<b>Filter</b>	5-stage filter system
<b>Tank material</b>	Stainless steel AISI 304	<b>Filter presence sensor</b>	Yes
<b>Back panel</b>	St/steel	<b>Tank capacity</b>	11 l
<b>Balanced door</b>	Yes	<b>Boiler capacity</b>	6,5 l
<b>Upper wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>Boiler type</b>	Atmospheric boiler
		<b>Noise</b>	Lpa 54,5 dBA
		<b>USB port</b>	Yes
		<b>Protection class</b>	IPX4

<b>Lower wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>Adjustable feet</b>	Yes
		<b>Drain max. height</b>	600 mm
<b>Tank filter</b>	Stainless steel		
<b>Door gasket</b>	On 3 sides		
<b>Rack guides</b>	Embossed low, telescopic up		

## Accessories included

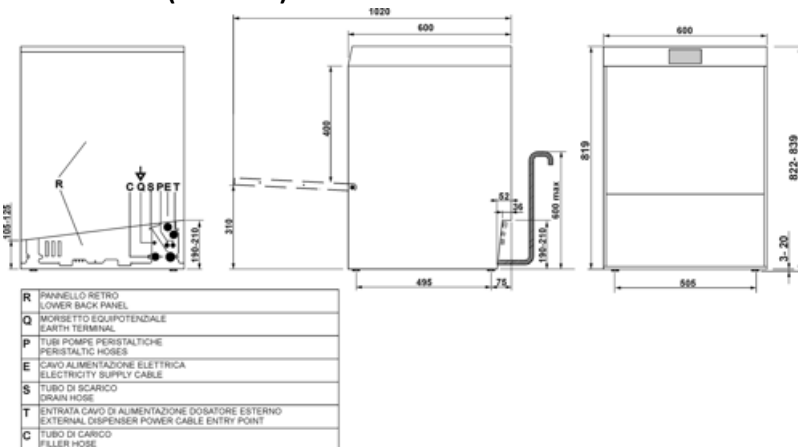
<b>Dish basket</b>	1x PB50D01	<b>Water supply hose</b>	Yes - 2 m
<b>Cutlery basket</b>	2x PHOOS01	<b>Drain hose</b>	Yes - 2m
<b>Flat basket</b>	1x PB50G02		

## Equipments

<b>Peristaltic detergent dispenser</b>	Electronic control	<b>Option for auto daily switch on</b>	Yes, default OFF
<b>Peristaltic rinse-aid dispenser</b>	Electronic control	<b>Cycle counter</b>	Yes
<b>Chemicals level probe</b>	Yes, with optional kit KITSONLIV	<b>Break tank</b>	Yes
<b>Rinse boiler Thermostop system</b>	Yes - default	<b>Water supply pipe diameter</b>	DN15 - ½"
<b>Wash tank Thermostop system</b>	Yes	<b>Drain supply pipe diameter</b>	DN20-G 3/4"
<b>Wash pump soft start system</b>	Yes	<b>Detergent (red) hose length</b>	2,2 m
<b>Stand-by system</b>	Yes	<b>Rinse aid (blue) hose length</b>	2,2 m

## Logistic Information

<b>EAN code</b>	8017709348809	<b>Net weight</b>	63,000 kg
<b>Packed product dimensions (WxDxH)</b>	990x660x700 mm	<b>Gross weight</b>	71,000 kg



## Compatible Accessories



### KITDETKCC500

Kit for detergent (1l) and rinse aid (1l) storage for undercounter 500 double wall models



### KITSONLIV

Probe level kit



### PB50D01

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



### PB50G01

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



### PB50G02

Universal flat bottom polypropylene basket, internal height 150 mm, dim. (WxDxH) 500x500x170 mm



### PHOOS01

Polypropylene single basket for cutlery



### PHOOS04

4 compartments polypropylene basket for cutlery



### WB50D01

Wire basket for 18 dishes Ø250 mm max or trays h 370 mm, dim. (WxDxH) 500x500x92 mm



### WB50G01

Universal wire basket with flat bottom, internal height 120 mm, dim. (WxDxH) 500x500x130 mm



### WB50G02

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



### WB50G03

Wire basket with sloped bottom for glasses Ø72 mm max, dim. (WxDxH) 500x500x235 mm



### WB50G04

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



### 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 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

## Benefit (TT)

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### 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.

### 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-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.

### **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.