

# SPD522S

Family	Professional dishwasher
Subfamily	Undercounter dishwashers
Type	Twin basket
Line	Pura
Basket dimensions	500x500 mm
Rinse pump	Self-Adaptive HTR+
Wash pump	Variable speed AdaptWash
Power connection	400 V 3N~ / 15 A / 8,4 kW / 50 Hz



## Accessories included

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

## Target

Solutions	Coffee shops/Wine bars; Hotels; Offices; QSR
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## Programs

Programs	10 customizable programs; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program table	Pura dishwasher twin basket 500
Program visibility	Yes
Maximum basket/hour	90
Maximum dishes/hour	1296
Maximum glasses/hour	1620

## Interface

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

## Construction

<b>Tank</b>	Deep drawn	<b>Filter</b>	5-stage filter system
<b>Construction</b>	Integral double-skin	<b>Filter presence sensor</b>	Yes
<b>Tank material</b>	Stainless steel AISI 304	<b>Tank capacity</b>	11 l
<b>Back panel</b>	Galvanized	<b>Boiler capacity</b>	6,5 l
<b>Balanced door</b>	Yes	<b>Noise</b>	Lpa 56,5 dBA
<b>Upper wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>USB port</b>	Yes
<b>Lower wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>Protection class</b>	IPX4
<b>Tank filter</b>	Stainless steel	<b>Adjustable feet</b>	Yes
<b>Door gasket</b>	On 3 sides	<b>Drain max. height</b>	600 mm
<b>Rack guides</b>	Embossed low, telescopic up		

## Technical Features

<b>Trays washing option</b>	Yes	<b>Inlet pressure</b>	100-1000 kPa (min-max)
<b>Trays number</b>	7 x GN 1/1 (530 x 325 mm)	<b>Detergent load</b>	1,5 l/h
<b>Water consumption per cycle</b>	2,5 l	<b>Rinse load</b>	0,4 l/h
<b>Wash temperature (min-max)</b>	60 °C - 70 °C	<b>Usable load height</b>	400 mm
<b>Rinse temperature (min-max)</b>	65 °C - 87 °C	<b>Depth with open door</b>	1020 mm
<b>Minimum water consumption per cycle</b>	1,8 l	<b>Configuration 1: maximum height for glasses lower basket/ Ø dishes upper basket</b>	110 mm/225 mm
<b>Min. water connection temperature</b>	5°C	<b>Configuration 2: max H glasses lower basket /max Ø dishes upper basket</b>	190 mm/145 mm
<b>Max. inlet temperature</b>	60°C	<b>Product dimensions WxDxH</b>	600x600x822 mm
<b>Max water hardness</b>	54°f - 30°dH		

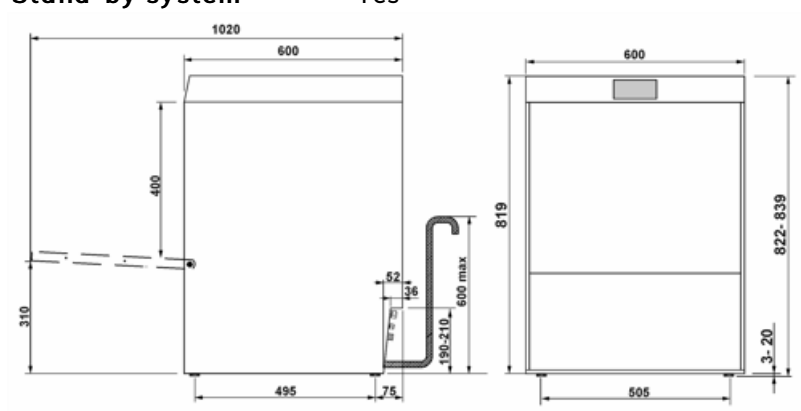
## Electrical Connection

<b>Plug</b>	Not present	<b>Wash pump power</b>	700 W
<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

## Equipments

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



## Compatible Accessories



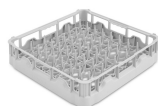
### KITDETKCC500

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



### KITSONLIV

Probe level kit



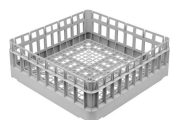
### PB50D01

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



### PB50G01

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



### PB50G02

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



### PB50T01

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



### PHOOS01

Polypropylene single basket for cutlery



### PHOOS02

6 compartment polypropylene basket for cutlery



### WB50D01

Wire basket for 18 dishes Ø250 mm. or self service trays, dim. (WxDxH) 500x500x92 mm



### WB50G01

Universal wire basket with flat bottom, dim. (WxDxH) 500x500x123 mm



### WB50G02

Wire basket with sloped bottom for 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 glasses Ø135 mm max, dim. (WxDxH) 500x500x165 mm



### WB50PG5

Wire basket with flat bottom for 25 plastic glasses, dim. (WxDxH) 500x500x260 mm



### WB50T02

Wire basket for 7 trays GN1/1 h 20 mm



### WH00S01

Wire insert for 12 small dishes











### WS5

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

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## Symbols glossary

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 A square icon with a black border. Inside, the text "A0=" is at the top, and the number "30" is in a large, bold font at the bottom.	THERMODESINFECTION A0=30	 A square icon with a black border. Inside, the text "A0=" is at the top, and the number "60" is in a large, bold font at the bottom.	THERMODESINFECTION A0=60
 A square icon with a black border. Inside, the text "GN1/1" is at the top, and a stylized graphic of a tray is at the bottom.	SUITABLE FOR GASTRONORM TRAY	 A square icon with a black border. Inside, a stylized graphic of a spray nozzle or water spray is shown.	HTR RINSING SYSTEM
 A square icon with a black border. Inside, a stylized letter "C" is at the top, and the text "400mm" is at the bottom.	MAX. USABLE HEIGHT 400mm	 A square icon with a black border. Inside, a stylized Wi-Fi signal symbol is shown.	Wi-Fi connectivity
 A square icon with a black border. Inside, a stylized graphic of a multi-stage filter is shown.	5 STAGE FILTER	 A square icon with a black border. Inside, the Smeg logo is at the top, and a stylized "C" with a Wi-Fi symbol inside it is at the bottom.	Professional appliance with Wi-fi connectivity and remote control via Remote SmegConnectPro App.

## 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.

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.

### 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.

### **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.

### **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.