# SPD522S

| | |
|---|---|
| **Family** | Professional dishwasher |
| **Subfamily** | Undercounter dishwashers |
| **Type** | Undercounter |
| **Double basket** | Yes |
| **Crockery** | Crockery; Glasses; Cutlery; GN1/1 trays |
| **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 |

## Target

| | |
|---|---|
| **Industries** | Bar / Cafeterias / Bistros / Wine bars / Pubs; Hotels; Ristoranti / Catering; Bakeries / Pastry shops; Care facilities ; Commercial food services; Grocery shops / Food retail |

## Aesthetics

| | | | |
|---|---|---|---|
| **Series** | Pura | **Led color** | White |

## Technical Features

| | | | |
|---|---|---|---|
| **Trays washing option** | Yes | **Inlet pressure** | 100-1000 kPa (min-max) |
| **Trays number** | 7 x GN 1/1 (530 x 325 mm) | **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 |
| | | **Depth with open door** | 1020 mm |
| **Rinse temperature (min-max)** | 65 °C - 87 °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 |
| **Min. water connection temperature** | 5°C | | |
| **Max. inlet temperature** | 60°C | **Product dimensions WxDxH** | 600x600x822 mm |

| | |
|---|---|
| **Max water hardness** | 54°f - 30°dH |

## 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 |

## Connectivity

| | | | |
|---|---|---|---|
| **SmegConnect Pro** | Yes | **PST certificate support period [UK]** | 24 months |
| **Connectivity** | Wi-Fi | **UK PSTI support period end date** | 2028-04-09 |

## Electrical Connection

| | | | |
|---|---|---|---|
| **Plug** | Not present | **Wash pump power** | 700 W |
| **Tank heating element power** | 2000 W | **Default connection** | 8400 W |
| **Boiler heating element power** | 5700 W | **Optional electrical connection** | 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 |

## 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

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

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

## Accessories included

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

## Equipments

| | | | |
|---|---|---|---|
| **Drain pump** | Yes | **Option for auto daily switch on** | Yes, default OFF |
| **Peristaltic detergent dispenser** | Electronic control | **Cycle counter** | Yes |
| **Peristaltic rinse-aid dispenser** | Electronic control | **Break tank** | Yes |
| **Chemicals level probe** | Yes, with optional kit KITSONLIV | **Partial renewal of water in the tank and built-in drain pump** | Yes |
| **Automatic built 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 lenght** | 2,2m |
| **Wash pump soft start system** | Yes | **Rinse aid (blue) hose lenght** | 2,2m |
| **Stand-by system** | Yes | | |

## Logistic Information

| | | | |
|---|---|---|---|
| **Width packed product** | 660 mm | **Packed product dimensions** | 990X660X700 |
| **Depth packed product** | 700 mm | | |
| **Height packed product** | 990 mm | **Net weight** | 68,000 kg |
| | | **Gross weight (kg)** | 76,000 |
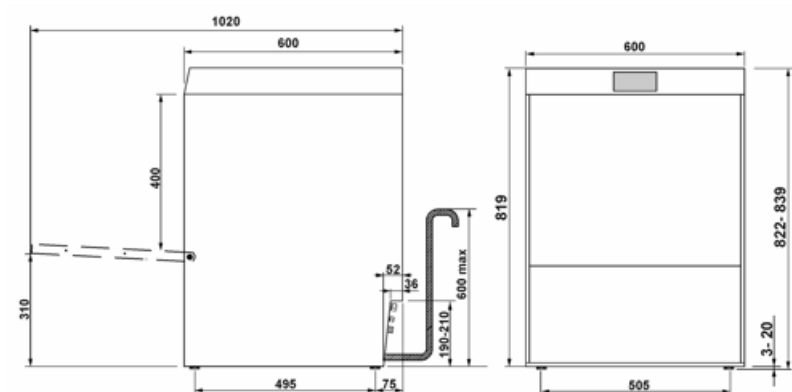
# Compatible Accessories

**KITDETKCC500**

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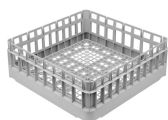
**KITSONLIV**

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

# Symbols glossary

| | | | | |
|---|---|---|---|---|
| **A0=30** | THERMODESINFECTION A0=30 | | **A0=60** | THERMODESINFECTION A0=60 |
| **GN1/1** | SUITABLE FOR GASTRONORM TRAY | | | HTR RINSING SYSTEM |
| | 5 STAGE FILTER | | | MAX. USABLE HEIGHT 400mm |
| | Professional appliance with Wi-fi connectivity and remote control via Remote SmegConnectPro App. | | | Wi-Fi connectivity |

# 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.
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.

## 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.