

# SPD525E

|  |   |
|--|---|
| <b>Product Family</b>  | Dishwasher                              |
| <b>Subfamily</b>   | Undercounter                            |
| <b>Type</b>  | Undercounter dishwashers                |
| <b>Crockery</b>  | Crockery; Glasses; Cutlery; GN1/1 trays |
| <b>Basket dimensions</b>   | 500x500 mm                              |
| <b>Control Panel</b>   | Touch screen                            |
| <b>Standard drain pump with partial water renewal in the wash tank</b> | Yes                                     |
| <b>Rinse pump</b>  | Self-Adaptive HTR+                      |
| <b>Boiler type</b>   | Atmospheric Boiler                      |
| <b>Wash pump</b>   | Variable speed AdaptWash                |
| <b>DHR - drain water heat recovery</b>                                 | Yes                                     |
| <b>Default power supply</b>  | 400 V 3N~ / 15 A / 8,4 kW / 50 Hz       |
| <b>Dimensions</b>  | 600x660x822 mm                          |



## Target

|                   |   |
|-------------------|---|
| <b>Industries</b> | 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 |
|-------------------|---|

## Aesthetics

|                   |       |               |      |
|-------------------|-------|---------------|------|
| <b>Led colour</b> | White | <b>Series</b> | Pura |
|-------------------|-------|---------------|------|

## Technical Features

|  |               |                               |              |
|--|---------------|-------------------------------|--------------|
| <b>Trays number</b>                        | 7 x GN1/1     | <b>Max. inlet temperature</b> | 20°C         |
| <b>Trays washing option</b>                | Yes           | <b>Max water hardness</b>     | 5°f - 3°dH   |
| <b>Water consumption per cycle</b>         | 2,5 l         | <b>Water inlet pressure</b>   | 100-1000 kPa |
| <b>Wash temperature (min-max)</b>          | 60 °C - 70 °C | <b>Detergent flow rate</b>    | 1.5 l/h      |
| <b>Rinse temperature (min-max)</b>         | 65 °C - 87 °C | <b>Rinse aid flow rate</b>    | 0.4 l/h      |
| <b>Cold rinse temperature</b>              | 24 °C         | <b>Usable load height</b>     | 400 mm       |
| <b>Min. water connection temperature</b>   | 8°C           | <b>Depth with door open</b>   | 1020 mm      |
| <b>Minimum water consumption per cycle</b> | 1,8 l         |                               |              |

## Programmes

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

## Connectivity

|                    |     |                     |       |
|--------------------|-----|---------------------|-------|
| <b>SmegConnect</b> | Yes | <b>Connectivity</b> | Wi-Fi |
|--------------------|-----|---------------------|-------|

## 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>Electrical connection options</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>                          | No   |

## Interface

|                            |     |                                 |     |
|----------------------------|-----|---------------------------------|-----|
| <b>Display</b>             | TFT | <b>Cycle progress indicator</b> | Yes |
| <b>On/off indicator</b>    | Yes | <b>End of cycle indicator</b>   | Yes |
| <b>Low rinse aid alert</b> | Yes | <b>Manual diagnostics</b>       | Yes |
| <b>Low detergent alert</b> | Yes |                                 |     |

## Construction

|                              |   |                               |                        |
|------------------------------|---|-------------------------------|------------------------|
| <b>Tank Construction</b>     | Deep drawn<br>Double wall                                   | <b>Filter</b>                 | 5-stages filter system |
| <b>Tank material</b>         | Stainless steel AISI 304                                    | <b>Filter presence sensor</b> | Yes                    |
| <b>Back panel</b>            | Stainless steel   | <b>Wash tank capacity</b>     | 11 l                   |
| <b>Counter balanced door</b> | Yes   | <b>Boiler capacity</b>        | 6,5 l                  |
| <b>Upper washing system</b>  | One washing and one split rinse spray arms, stainless steel | <b>Noise level</b>            | Lpa 54,5 dBA           |
| <b>Lower washing system</b>  | One washing and one split rinse spray arms, stainless steel | <b>USB port</b>               | Yes                    |
| <b>Tank filter</b>           | Stainless steel   | <b>Protection class</b>       | IPX4                   |
| <b>Door gasket</b>           | On 3 sides  | <b>Adjustable feet</b>        | Yes                    |
| <b>Rack guides</b>           | Embossed  | <b>Drain max. height</b>      | 600 mm                 |

## Accessories Included

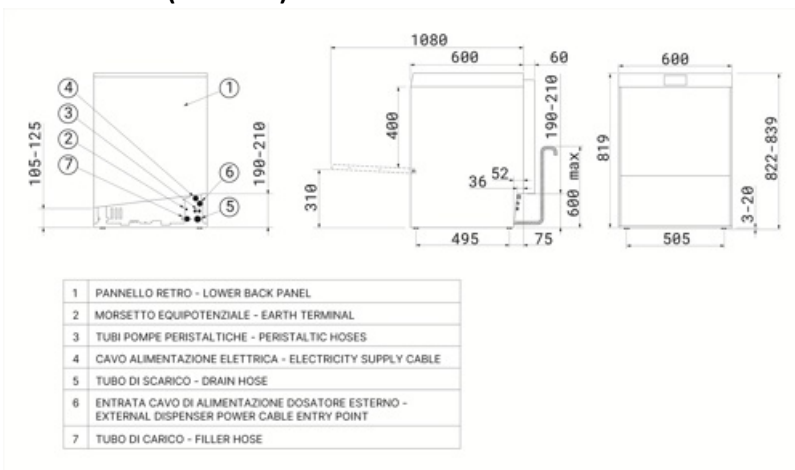
|                |            |                   |          |
|----------------|------------|-------------------|----------|
| Plate basket   | PB50D01    | Water supply pipe | Yes - 2m |
| Cutlery basket | 1x PHOOS04 | Drain pipe        | Yes - 2m |
| Flat basket    | PB50G02    |                 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

## 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         |
| Chemical dosing                 | gr/lt                   | 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                          | 8017709361785  | Net weight (kg)   | 61,000 kg |
| Packed product dimensions (WxDxH) | 560x650x860 mm | Gross weight (kg) | 69,000 kg |



## Compatible Accessories



### KITDETKCC500

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



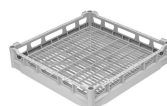
### KITSONLIV

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

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## Benefit

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### 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.

### 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.