

SPD500S

| | |
|-------------------|--------------------------|
| Family | Professional dishwasher |
| Subfamily | Undercounter dishwashers |
| Line | Ecoline a pulsanti |
| Basket dimensions | 500x500 mm |
| Washing pump | Standard |



Accessories Included

| | | | |
|----------------|------------|-------------------|------------|
| Dish basket | 1x PB50D01 | Water supply hose | Yes - 1,5m |
| Cutlery basket | 1x PHOOS02 | Drain hose | Yes - 2m |
| Flat basket | 1x PB50G02 | | |

Target

| | |
|-----------|----------------------------------|
| Solutions | Hotels; Restaurants/Pubs; QSR |
|-----------|----------------------------------|

Programs

| | |
|------------------------|--|
| Programs | 3 automatic programs; Self-cleaning programs |
| Program specifications | Boiler 85°C/Tank 60°C - 2'30"; Boiler 85°C/Tank 60°C - 1'30" |
| Maximum basket/hour | 40 |
| Maximum dishes/hour | 720 |
| Maximum glasses/hour | 1440 |

Interface

| | | | |
|-------------------|-----|------------|-----|
| Number of buttons | 4 | Salt alert | Yes |
| On/Off button | Yes | | |

Construction

| | | | |
|-----------------------------|--|--------------------------|------------------------|
| Tank | Deep drawn | Rack guides | Embossed |
| Construction | Partial double-skin | Filter | 4-stages filter system |
| Tank material | Stainless steel AISI 304 | Tank capacity | 16 l |
| Back panel | Galvanized | Boiler capacity | 6 l |
| Upper washing system | One washing and one split rinse spray arms, stainless steel | Protection class | IPX4 |
| Lower washing system | One washing and one combined rinse spray arms, stainless steel and plastic | Adjustable feet | Yes |
| Tank filter | Plastic | Drain max. height | 600 mm |
| Door gasket | Only up | | |

Technical Features

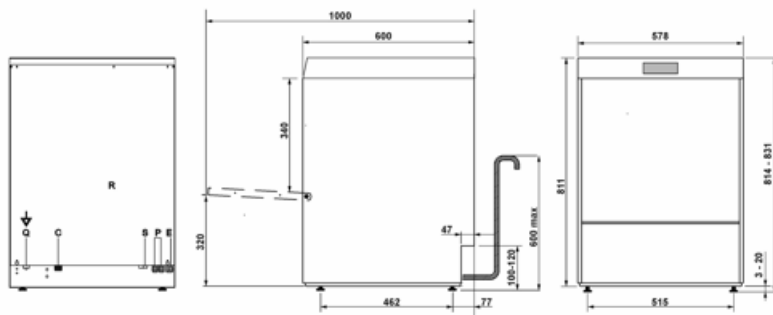
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|--|---------------------------|------------------------------------|------------------------|
| Trays washing option | Yes | Max temperature inlet water | 60°C |
| Trays number | 7 x GN 1/1 (530 x 325 mm) | Max water hardness | 54°F - 30°dH |
| Tank heating element power | 2000 W | Inlet pressure | 250-1000 kPa (min-max) |
| Boiler heating element power | 6100 W | Detergent load | 1,5 l/h |
| Washing pump power | 700 W | Rinse load | 0,4 l/h |
| Default connection | 6800 W | Usable load height | 340 mm |
| Water cycle consumption | 3,2 l | Depth with open door | 1000 mm |
| Minimum water cycle consumption | 3,2 l | Product dimensions WxDxH | 578x600x814 mm |
| Warm water connection | 5°C | | |

Electrical Connection

| | | | |
|-------------------------|-----------------------------------|---------------------------------------|--|
| Power connection | 400 V 3N~ / 12 A / 6,8 kW / 50 Hz | Optional electrical connection | 230 V 3~ / 19 A / 6,8 kW / 50 Hz ; 230 V~ / 15 A / 3,4 kW / 50 Hz ; 230 V~ / 20 A / 4,5 kW / 50 Hz |
|-------------------------|-----------------------------------|---------------------------------------|--|

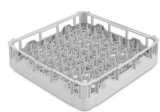
Equipments

| | | | |
|------------------------------------|----------------------------------|---|-------------|
| Drain pump | Yes | Soft Start system | Yes |
| Peristaltic detergent doser | Manual | Stand-by system | Yes |
| Peristaltic rinse-aid doser | Manual | Partial renewal of water in the tank and built-in drain pump | Yes |
| Chemicals level probe | Yes, with optional kit KITSONLIV | Water supply pipe diameter | DN15 - ½" |
| Automatic built softener | Yes | Drain supply pipe diameter | DN20-G 3/4" |
| Boiler thermostop | Yes - default | Detergent (red) hose lenght | 2,2m |
| Tank thermostop | Yes | Rinse aid (blue) hose lenght | 2,2m |



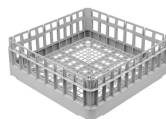
| | |
|---|--|
| R | PANNELLO RETRO LOWER BACK PANEL |
| Q | MORSETTO EQUIPOTENZIALE EARTH TERMINAL |
| P | TUBI POMPE PERISTALTICHE PERISTALTIC HOSES |
| E | CAVO ALIMENTAZIONE ELETTRICA ELECTRICITY SUPPLY CABLE |
| S | TUBO DI SCARICO DRAIN HOSE |
| T | ENTRATA CAVO DI ALIMENTAZIONE DOSATORE ESTERNO EXTERNAL DISPENSER POWER CABLE ENTRY POINT |
| C | TUBO DI CARICO FILLER HOSE |

Compatible Accessories



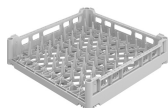
PB50D01

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



PB50G02

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



PB50T01

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



PHOGR5

Glass insert for 500x500 mm basket



PHOOS01

Polypropylene single basket for cutlery



PHOOS02

6 compartments 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 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

Underframe for glasswashers 500mm

Symbols glossary



SUITABLE FOR GASTRONORM TRAY



4 STAND FILTER



MAX.USABLE HEIGHT 340mm

Benefit (TT)

4-stage filtration system

Deep cleaning and spotless washes with the Patented 4-Stages Filtration System

The innovative Smeg filtration system consists of 4 stages to completely eliminate all impurities: the 1st stage captures larger food residues; in the 2nd stages, finer particles are captured at this filtration stage; the 3th 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.

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.

Partial double-skin

Optimised thermal and acoustic insulation

The Ecoline undercounter dishwashers are equipped with a partial double-skin structure that optimises energy efficiency by minimising heat loss. Additionally, it provides effective acoustic 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.

Electronic interface

Control panel with electronic buttons

The electronic version features an intuitive interface with soft-touch buttons, allowing the selection of one of three washing programs based on the level of dirt: short, medium, or intense. Additionally, there are buttons for power on, automatic drain cycle initiation, and final self-cleaning. The display allows real-time monitoring of the temperature, cycle duration, and diagnostics, ensuring simple and immediate control.