

SPD513S

Professional dishwasher Family

Subfamily Undercounter

Undercounter dishwashers Type

Crockery Crockery; Glasses; Cutlery; GN1/1

Basket dimensions 500x500 mm Control panel Electronic Wash pump Standard

Power connection 400 V 3N~ / 12 A / 7,3 kW / 50 Hz



Target

Bar / Cafeterias / Bistros / **Industries**

> Wine bars / Pubs: Hotels: Ristoranti / Catering; Bakeries / Pastry shops;

Butcher shops /

Delicatessens; Catering; Care facilities; Commercial food services; Grocery shops / Food retail

Aesthetics

Led color Series Easyline Green

Technical Features

Trays washing option

Trays number 7 x GN 1/1 (530 x 325 mm)

Water consumption per 3,2 I

cycle

Wash temperature 60°C

(min-max)

Rinse temperature (min- 71 °C - 85 °C

max)

Minimum water

consumption per cycle

Min. water connection

temperature

3,21

5°C

Inlet pressure **Detergent load** Rinse load Usable load height

Max water hardness

Depth with open door **Product dimensions**

WxDxH

54°f - 30°dH

250-1000 kPa (min-max)

1,5 l/h 0.4 l/h 400 mm 1020 mm

600x600x822 mm



Max. inlet temperature 60°C

Programs

6 automatic programs; 1 fully customizable program; Self-**Programs**

cleaning programs

Program options Extra rinse; Clean water cycle

Program table Easyline dishwasher and traywasher 500

Maximum basket/hour Maximum dishes/hour 1080 2160 Maximum glasses/hour

Electrical Connection

Tank heating element 2000 W **Default connection** 7300 W

power

6100 W **Boiler heating element**

power

700 W Wash pump power

Optional electrical

230 V 3~ / 19 A / 7,3 kW / 50 Hz; 230 V 3~ / 19 A / 6,8 connection

kW / 50 Hz; 230 V~ / 15 A / 3,4 kW / 50 Hz; 230 V~/ 17 A / 3.9 kW / 50 Hz; 230 V~ / 20 A / 4.5 kW / 50 Hz: 230 V~ / 22 A / 5.0 kW / 50 Hz; 400 V 3N~ / 12 A / 6,8

kW / 50 Hz

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Plug Not present

Interface

Display 8 digit Detergent missing alert Number of buttons 5 Cycle progress alert Yes On/Off button End-cycle alert Yes Yes Salt alert Yes Manual diagnostic Yes

Rinse aid missing alert Yes

Construction

Tank Deep drawn Rack guides **Embossed**

Construction Integral double-skin Filter 5-stage filter system Tank material Stainless steel AISI 304 Tank capacity 11 I

Back panel Galvanized **Boiler** capacity

Pressure boiler **Balanced** door Yes Boiler type

Lpa 54,5 dBA Upper wash system One wash and one split Noise

rinse spray arms, stainless **Protection class** IPX4 steel Adjustable feet Yes One wash and one split Lower wash system

Drain max. height 600 mm rinse spray arms, stainless steel

Tank filter Stainless steel Door gasket On 3 sides



Accessories included

Dish basket1x PB50D01Water supply hoseYes - 2 mCutlery basket1x PH00S02Drain hoseYes - 2mFlat basket1x PB50G02

Equipments

Drain pump Yes Stand-by system Yes

Peristaltic detergent Electronic control Option for auto daily Yes, default OFF

dispenser switch on

Peristaltic rinse-aid Electronic control Cycle counter Yes dispenser Partial renewal of water Yes Chemicals level probe Yes, with optional kit in the tank and built-in

KITSONLIV drain pump

Deafult chemicals gr/lt Water supply pipe DN15 - ½"

dosing unit of measure diameter

Automatic built softener Yes Drain supply pipe DN20-G 3/4"
Rinse boiler Thermostop Yes - default diameter

system Detergent (red) hose 2,2 m

Wash tank Thermostop Yes lenght

system Rinse aid (blue) hose 2,2 m
Wash pump soft start Yes lenght

Logistic Information

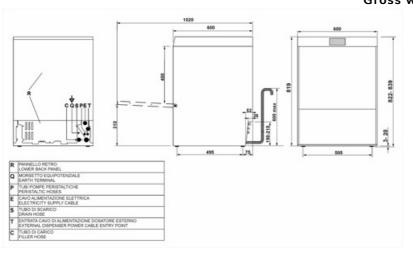
system

Width packed product 660 mm Packed product 990x660x700 mm
Depth packed product 700 mm dimensions

Depth packed product 700 mm dimensions

Height packed product 990 mm Net weight 61,000 kg

Gross weight 69,000 kg





Compatible Accessories

KITDETKCC500



Kit for detergent (11) and rinse aid (11) storage for double wall models

KITSONLIV

Probe level kit



PB50D01



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

Polypropylene basket for 8 trays GN 1/1



PB50G02

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



PB50T01

h 40 mm



PHOOGR5

Glass insert for 500x500 mm basket



PHOOS01

Polypropylene single basket for cutlery

Universal wire basket with flat bottom,

dim. (WxDxH) 500x500x123 mm

Wire basket with sloped bottom for

Wire basket with flat bottom for 25

glasses Ø72 mm max, dim. (WxDxH)



PHOOS02

6 compartment polypropylene basket for cutlery



WB50G01



WB50G02

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



WB50G03



WB50G04

WB50T02

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



WB50PG5

500x500x235 mm

500x500x260 mm



Wire basket for 7 trays GN1/1 h 20





mm



WH00S01



Wire insert for 12 small dishes

plastic glasses, dim. (WxDxH)

WS5

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



Symbols glossary



SUITABLE FOR GASTRONORM TRAY



5 STAGE FILTER



MAX. USABLE HEIGHT 400mm



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.

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.