SPD515S

Family	Professional dishwasher
Subfamily	Undercounter
Type	Undercounter dishwashers
Crockery	Crockery; Glasses; Cutlery; GN1/1 trays
Basket dimensions	500x500 mm
Control panel	Electronic
Rinse pump	HTR system
Wash pump	Standard
Power connection	400 V 3N~ / 12 A / 7,3 kW / 50 Hz
Product dimensions (WxDxH)	600x600x822 mm
Partial renewal of water in the tank and built-in drain pump	Yes

Target

Industries	Bar / Cafeterias / Bistros / Wine bars / Pubs; Hotels; Restaurants; Bakeries / Pastry shops; Care facilities ; Grocery shops / Food retail; Catering; Commercial food services; Butcher shops / Delicatessens

Aesthetics

Led color	Green	**Series**	Easyline

Technical Features

Trays number	7 x GN1/1	**Max. inlet temperature**	60°C
Trays washing option	Yes	**Max water hardness**	60°f - 34°dH
Water consumption per cycle	3,2 l	**Inlet pressure**	100-1000 kPa (min-max)
Wash temperature (min-max)	60 °C	**Detergent load**	1,5 l/h
		Usable load height	400 mm
Rinse temperature (min-max)	71 °C - 85 °C	**Depth with open door**	1020 mm
Min. water connection temperature	5°C		
Minimum water consumption per cycle	3,2 l		

Programs

Programs	6 automatic programs; 1 fully customizable program; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program table	Easyline dishwasher and traywasher 500
Maximum basket/hour	60
Maximum dishes/hour	1080
Maximum glasses/hour	2160

Electrical Connection

Tank heating element power	2000 W	**Default connection**	7300 W
Boiler heating element power	6100 W	**Optional electrical connection**	230 V 3~ / 19 A / 7,3 kW / 50 Hz; 230 V 3~ / 19 A / 6,8 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
Wash pump power	700 W		
		Plug	Not present

Interface

Display	8 digit	**Detergent missing alert**	Yes
Number of buttons	5	**Cycle progress alert**	Yes
On/Off button	Yes	**End-cycle alert**	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 l
Back panel	St/steel	**Boiler capacity**	6,5 l
Balanced door	Yes	**Boiler type**	Atmosferic boiler
Upper wash system	One wash and one split rinse spray arms, stainless steel	**Noise**	Lpa 54,5 dBA
		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		

Accessories included

Dish basket	1x PB50D01	Water supply hose	Yes - 2 m
Cutlery basket	1x PHOOS04	Drain hose	Yes - 2m
Flat basket	1x PB50G02		

Equipments

Peristaltic detergent dispenser	Electronic control	Stand-by system	Yes
Peristaltic rinse-aid dispenser	Electronic control	Option for auto daily switch on	Yes, default OFF
Chemicals level probe	Yes, with optional kit KITSONLIV	Cycle counter	Yes
		Break tank	Yes
Deafult chemicals dosing unit of measure	gr/lt	Water supply pipe diameter	DN15 - ½"
Automatic built softener	Yes	Drain supply pipe diameter	DN20-G 3/4"
Rinse boiler Thermostop system	Yes - default	Detergent (red) hose length	2,2 m
Wash tank Thermostop system	Yes	Rinse aid (blue) hose length	2,2 m
Wash pump soft start system	Yes		

Logistic Information

EAN code	8017709340872	Net weight	62,000 kg
Packed product dimensions (WxDxH)	990x660x700 mm	Gross weight	70,000 kg

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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
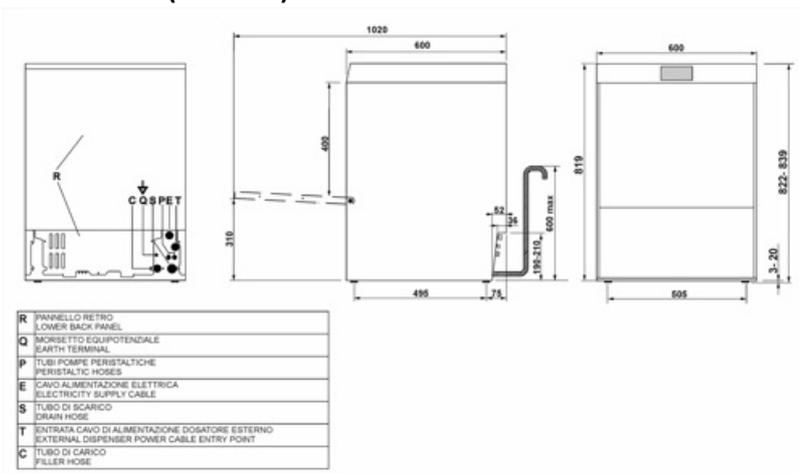
Compatible Accessories

KITDETKCC500

Kit for detergent (1l) and rinse aid (1l) storage for undercounter 500 double wall models

KITSONLIV

Probe level kit
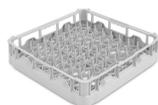
PB50D01

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

PB50G01

Universal flat bottom polypropylene basket, internal height 73 mm, dim. (WxDxH) 500x500x100 mm

PHOOGR5

Tilted glass insert for basket PB50G02 500x500 mm, configurable with 4 units of 5 glasses each (first line Ø max 110 mm, lines 2-4 Ø max 95 mm), or 5 units of 5 glasses each (forst line Ø max 95 mm, lines 2-5 Ø max 75 mm)

PHOOS01

Polypropylene single basket for cutlery

PHOOS04

4 compartments polypropylene basket for cutlery

WB50G01

Universal wire basket with flat bottom, internal height 120 mm, dim. (WxDxH) 500x500x130 mm

WB50G02

Wire basket with sloped bottom for 25 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 12 glasses Ø110 mm max, dim. (WxDxH) 500x500x165 mm

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 7 trays GN1/1 h 20 mm, dim. (WxD) 500x500 mm

WH00S01

Wire insert for 17 small dishes, width 100 mm, for flat bottom baskets 500x500 and 600x500 mm

WS5

Stainless steel underframe for undercounter glasswashers and dishwashers 500 mm, dim. (WxDxH) 595x595x490 mm

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.

HTR System

Consistent temperatures and pressures for uniform and effective dishwashing

Thanks to the HTR system (High Temperature Rinse) and the presence of the atmospheric boiler combined with the Thermostop, the cold inlet water does not enter the boiler during rinsing, ensuring a constant rinsing temperature according to the program setting. The HTR system keeps the water hot for deep sanitisation and quick drying, ensuring constant pressure for uniform and effective 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.