SPD516S

Type	Undercounter traywasher
Crockery	Crockery; Cutlery; EN 600x400 trays; GN1/1 trays
Basket dimensions	500x500 mm
Control Panel	Electronic
Standard drain pump with partial water renewal in the wash tank	Yes
Rinse pump	HTR system
Boiler type	Atmospheric Boiler
Wash pump	Standard
Default power supply	400 V 3N~ / 12 A / 7,3 kW / 50 Hz
Dimensions	600x690x822 mm



Target

Industries	Hotels, Restaurants / Catering, Bakeries / Pastry shops, Care facilities , Catering, Commercial food services, Butcher shops / Delicatessens

Aesthetics

Led colour	**Series**	Topline

Technical Features

Trays number	7 x GN1/1; 6 x EN 600x400
Trays washing option	Yes
Water consumption per cycle	3,2 l
Wash temperature (min-max)	60 °C
Rinse temperature (min-max)	71 °C - 85 °C
Min. water connection temperature	8°C
Minimum water consumption per cycle	3,2 l
Max. inlet temperature	60°C
Max water hardness	60°f - 34°dH
Water inlet pressure	100-1000 kPa
Detergent flow rate	1.5 l/h
Rinse aid flow rate	0.4 l/h
Usable load height	400 mm
Depth with door open	1020 mm

Programmes

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

Electrical Connection

Tank heating element power	2000 W	**Default connection**	7300 W
Boiler heating element power	6100 W	**Electrical connection options**	220 V 3~ / 19 A / 6,8 kW / 60 Hz; 220 V 3~ / 19 A / 7,3 kW / 60 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**	No

Interface

Display	8 digit	**Low detergent alert**	Yes
On/off indicator	Yes	**Cycle progress indicator**	Yes
Salt light indicator	Yes	**End of cycle indicator**	Yes
Low rinse aid alert	Yes	**Manual diagnostics**	Yes

Construction

Tank	Deep drawn	**Rack guides**	Embossed
Construction	Double wall	**Filter**	5-stages filter system
Tank material	Stainless steel AISI 304	**Wash tank capacity**	11 l
Back panel	Stainless steel	**Boiler capacity**	6,5 l
Counter balanced door	Yes	**Noise level**	Lpa 54,5 dBA
Upper washing system	One washing and one split rinse spray arms, stainless steel	**Protection class**	IPX4
		Adjustable feet	Yes
		Drain max. height	600 mm
Lower washing system	One washing and one split rinse spray arms, stainless steel	**Power cable length**	180 cm
Tank filter	Stainless steel		
Door gasket	On 3 sides		

Accessories Included

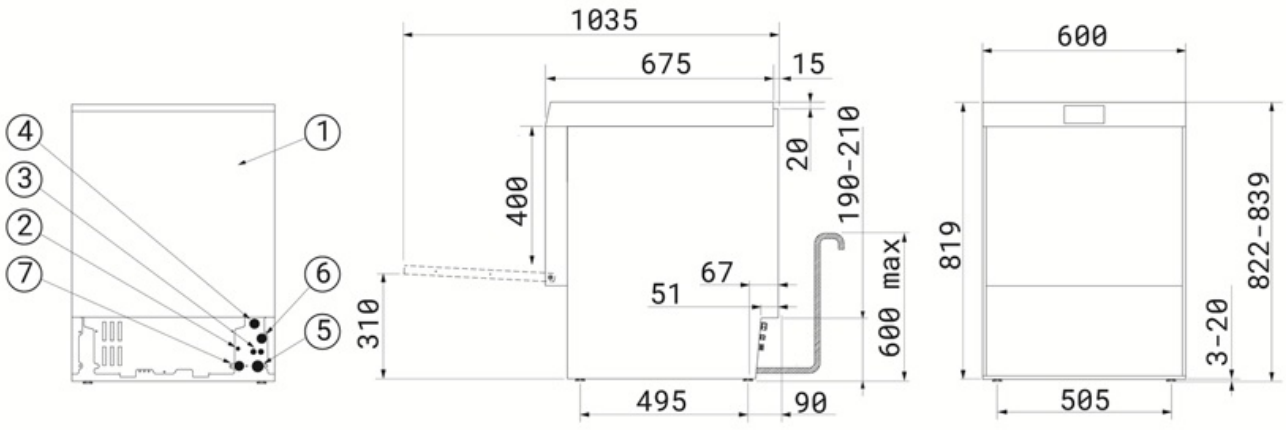
Plate basket	PB50D01	**Tray basket**	WB50T03
Cutlery basket	1x PHOOS04	**Water supply pipe**	Yes - 2m
Flat basket	PB50G02	**Drain pipe**	Yes - 2m
Grids	1 x KIT-WG500		

Equipment

Peristaltic detergent dispenser	Yes, electronic control	**Stand-by system**	Yes
Peristaltic rinse-aid dispenser	Yes, electronic control	**Option for auto daily switch on**	Yes
Chemical level probe	Yes, optional KITSONLIV	**Cycle counter**	Yes
Chemical dosing	gr/lt	**Break tank**	Yes
Integral continuous water 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 length**	2,2 m
Wash pump soft start system	Yes	**Rinse aid (blue) hose length**	2,2 m

Logistic Information

EAN code	8017709345402	**Net weight (kg)**	70,000 kg
Packed product dimensions (WxDxH)	660x700x990 mm	**Gross weight (kg)**	78,000 kg



1	PANNELLO RETRO - LOWER BACK PANEL
2	MORSETTO EQUIPOTENZIALE - EARTH TERMINAL
3	TUBI POMPE PERISTALTICHE - PERISTALTIC HOSES
4	CAVO ALIMENTAZIONE ELETTRICA - ELECTRICITY SUPPLY CABLE
5	TUBO DI SCARICO - DRAIN HOSE
6	ENTRATA CAVO DI ALIMENTAZIONE DOSATORE ESTERNO - EXTERNAL DISPENSER POWER CABLE ENTRY POINT
7	TUBO DI CARICO - FILLER HOSE

Compatible Accessories

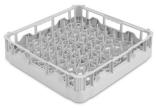


KITSONLIV

Probe level kit

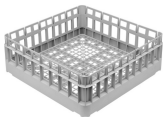


KIT-WG500



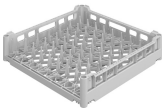
PB50D01

Basket made of polypylene for 18 plates 500x500



PB50G02

Universal basket in polypropylene 500x500



PB50T01

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



PHOOGR5

Glass basket for 500x500 mm glasswashers



PHOOS01

Single basket in polypropylene for cutlery



PHOOS04

4 compartments polypropylene basket for cutlery



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

WB50T03



Wire basket for 5 trays 600x500



WH00S01

Wire insert for 12 small dishes



WS5

Underframe for glasswahsers 500mm

Benefit

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

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 temperature of 85°C. 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 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.

Euronorm

Compatibility with EN 600x400 mm trays

The 500x500 traywashers offer great versatility, with the ability to wash up to 6 Euronorm 600x400 mm trays. These features make the products extremely useful for a wide range of activities, such as pizzerias, bakeries, bistros, catering, restaurants, and cafés.