SPD516S

Family	Professional dishwasher
Subfamily	Undercounter traywasher
Line	Easyline
Basket dimensions	500x500 mm
Rinse pump	HTR system
Wash pump	Standard
Power connection	400 V 3N~ / 12 A / 7,3 kW / 50 Hz

Accessories included

Dish basket	1x PB50D01	**Tray basket**	1x WB50T03
Cutlery basket	1x PHOOS02	**Water supply hose**	Yes - 2m
Flat basket	1x PB50G02	**Drain hose**	Yes - 2m

Target

Solutions	Bakery/Pastry making; Frozen bakery industry; Food retail; Other food industry; QSR

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

Interface

Display	8 digit	**Detergent missing alert**	Yes
On/Off button	Yes	**Cycle progress alert**	Yes
Salt alert	Yes	**End-cycle alert**	Yes

Rinse aid missing alert	Yes	**Manual diagnostic**	Yes

Construction

Tank	Deep drawn	**Door gasket**	On 3 sides
Construction	Integral double-skin	**Rack guides**	Embossed
Tank material	Stainless steel AISI 304	**Filter**	5-stage filter system
Back panel	Galvanized	**Tank capacity**	11 l
Balanced door	Yes	**Boiler capacity**	6,5 l
Upper wash system	One wash and one split rinse spray arms, stainless steel	**Protection class**	IPX4
		Adjustable feet	Yes
Lower wash system	One wash and one split rinse spray arms, stainless steel	**Drain max. height**	600 mm
Tank filter	Stainless steel		

Technical Features

Trays washing option	Yes	**Max water hardness**	12°f - 7°dH
Trays number	7 x GN 1/1 (530 x 325 mm); 6 x EN 1/1 (600 x 400 mm)	**Inlet pressure**	100-1000 kPa (min-max)
		Detergent load	1,5 l/h
Water consumption per cycle	3,2 l	**Rinse load**	0,4 l/h
		Usable load height	400 mm
Wash temperature (min-max)	60 °C	**Depth with open door**	1020 mm
Rinse temperature (min-max)	71 °C - 85 °C	**Product dimensions WxDxH**	600x690x822 mm
Minimum water consumption per cycle	3,2 l		
Min. water connection temperature	5°C		
Max. inlet temperature	60°C		

Electrical Connection

Plug	Not present	**Wash pump power**	700 W
Tank heating element power	2000 W	**Default connection**	7300 W
Boiler heating element power	6100 W	**Optional electrical connection**	230 V 3~ / 19 A / 6,7 kW / 50 Hz; 230 V~ / 12 A / 2,7 kW / 50 Hz; 230 V~ / 16 A / 3,7 kW / 50 Hz; 230 V~ / 21 A / 4,7 kW / 50 Hz

Equipments

Drain pump	Yes	**Stand-by system**	Yes
Peristaltic detergent dispenser	Electronic control	**Option for auto daily switch on**	Yes, default OFF
		Cycle counter	Yes

Peristaltic rinse-aid dispenser	Electronic control	**Break tank**	Yes
Chemicals level probe	Yes, with optional kit KITSONLIV	**Partial renewal of water in the tank and built-in drain pump**	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 lenght**	2,2m
Wash tank Thermostop system	Yes	**Rinse aid (blue) hose lenght**	2,2m
Wash pump soft start system	Yes		

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
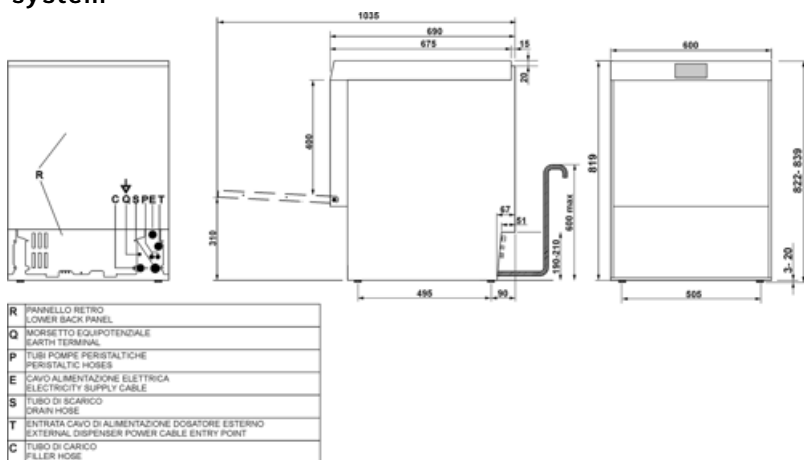
Compatible Accessories

KITDETKCC500

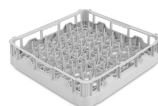Kit for detergent (1l) and rinse aid (1l) storage for double wall models
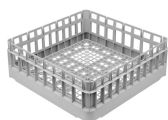
KITSONLIV

Probe level kit

KIT-WG500

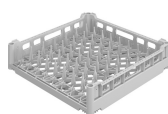Trays holder for trays washer

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

PHOOGR5

Glass insert for 500x500 mm basket

PHOOS01

Polypropylene single basket for cutlery

PHOOS02

6 compartment polypropylene basket for cutlery

WB50PG5

Wire basket with flat bottom for 25 plastic glasses, dim. (WxDxH) 500x500x260 mm

WB50T02

Wire basket for 7 trays GN1/1 h 20 mm

WB50T03

Wire basket for 6 trays GN1/1 h 60 mm and EN 600x400 mm

WH00S01

Wire insert for 12 small dishes

WS5

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

Symbols glossary

EN SUITABLE FOR EURONORM TRAY	**GN1/1** SUITABLE FOR GASTRONORM TRAY
HTR RINSING SYSTEM	**400mm** MAX. USABLE HEIGHT 400mm
5 STAGE FILTER	

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.
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-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.

Euronorm

Compatibility with EN 600x400 mm trays

These models 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.