SPD516SUK

Product Family	Dishwasher
Subfamily	Undercounter traywasher
Type	Undercounter
Crockery	Crockery; Cutlery; EN 600x400 trays; GN1/1 trays
Basket dimensions	500x500 mm
Control Panel	Electronic
Rinse pump	HTR system
Wash pump	Standard
Default power supply	230 V~ / 30 A / 6,8 kW /50 Hz

Target

Industries	Hotels; Ristoranti / Catering; Bakeries / Pastry shops; Butcher shops / Delicatessens; Catering; Care facilities ; Commercial food services

Aesthetics

Series	Topline	**Led colour**	Green

Technical Features

Trays number	7 x GN 1/1 (530 x 325 mm); 6 x EN 1/1 (600 x 400 mm)	**Max water hardness**	12°f - 7°dH
Water consumption per cycle	3,2 l	**Water inlet pressure**	100-1000 kPa
		Detergent flow rate	1.5 l/h
Wash temperature (min-max)	60 °C	**Rinse aid flow rate**	0.4 l/h
		Usable load height	400 mm
Rinse temperature (min-max)	71 °C - 85 °C	**Depth with door open**	1020 mm
		Dimensions	600x690x822 mm
Minimum water consumption per cycle	3,2 l		
Warm water connection	8°C		
Max. inlet temperature	60°C		

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

Plug	(G) UK e Singapore	**Wash pump power**	700 W
Tank heating element power	2000 W	**Default connection**	6700 W
Boiler heating element power	6000 W	**Electrical connection options**	230 V~ / 12 A / 2,7 kW / 50 Hz; 230 V~ / 15 A / 3,4 kW / 50 Hz ; 230 V~ / 20 A / 4,5 kW / 50 Hz ; 400 V 3N~ / 12 A / 6,8 kW / 50 Hz

Interface

Display	8 digit	**Cycle progress indicator**	Yes
On/off indicator	Yes	**End of cycle indicator**	Yes
Low rinse aid alert	Yes	**Manual diagnostics**	Yes
Low detergent alert	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	Galvanized	**Boiler capacity**	6,5 l
Counter balanced door	Yes	**Boiler type**	Artmosferic boiler
Upper washing system	One washing and one split rinse spray arms, stainless steel	**Noise level**	Lpa 54,5 dBA
		Protection class	IPX4
Lower washing system	One washing 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

Plate basket	PB50D01	**Tray basket**	WB50T03
Cutlery basket	PHOOS02	**Water supply pipe**	Yes - 2m
Flat basket	PB50G02	**Drain pipe**	Yes - 2m

Equipment

Drain pump	Yes	Stand-by system	Yes
Peristaltic detergent dispenser	Yes, electronic control	Option for auto daily switch on	Yes
Peristaltic rinse-aid dispenser	Yes, electronic control	Cycle counter	Yes
		Break tank	Yes
Chemical level probe Chemical dosing	Yes, optional KITSONLIV gr/lt	Partial water exchange in the wash tank via built-in drain pump	Yes
Integral continuous water softener	Yes		
		Water supply pipe diameter	16 mm
Rinse boiler Thermostop system	Yes - default	Drain supply pipe diameter	21.5 mm
Wash tank Thermostop system	Yes	Detergent (red) hose length	Yes, manual
Wash pump soft start system	Yes	Rinse aid (blue) hose length	Yes, manual

Logistic Information

Packed width	660 mm	Dimensions of the packed product (mm)	990X660X700
Packaged depth	700 mm	Net weight (kg)	68,000 kg
Height (mm) packed	990 mm	Gross weight (kg)	76,000

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
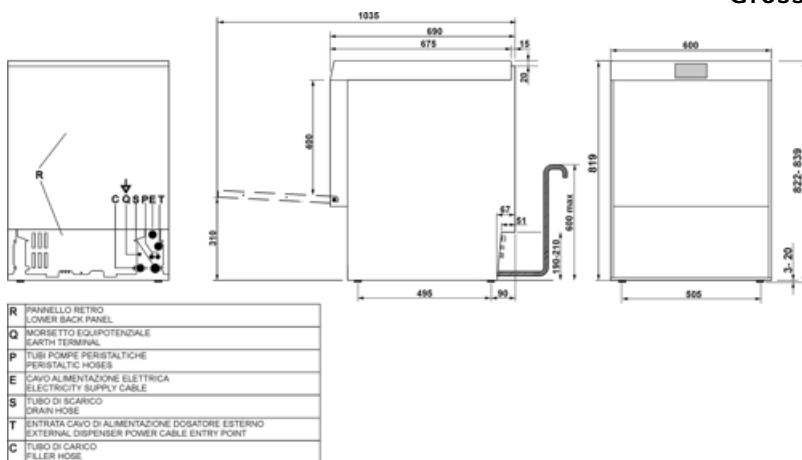
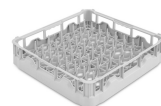# Compatible Accessories

KITDETKCC500

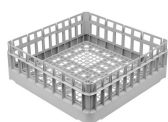Kit for detergent (1l) and rinse storage (1l) for dishwashers 500x500

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

PHOOS02

Basket in polypropylene for cutlery with 6 compartments

WB50PG5

Wire basket with flat bottom for 25 plastic glasses, 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

Symbols glossary

EN	SUITABLE FOR EURONORM TRAY
	HTR rinsing system
	5 STAGE FILTER
GN1/1	Suitable for 1/1GN trays
400mm	Max usable height 400mm

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.