SPD516SUK

Product Family	Dishwasher
Subfamily	Undercounter traywasher
Basket dimensions	500x500 mm
Rinse pump	HTR system
Wash pump	Standard
Default power supply	230 V~ / 30 A / 6,8 kW /50 Hz

Target

Potential users	Bakery/Pastry making; Industrial pastry&bakery laboratories; Butcher's shops; Meat processing industry; QSR

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 inlet pressure	100-1000 kPa
Water consumption per cycle	3,2 l	**Detergent flow rate**	1.5 l/h
		Rinse aid flow rate	0.4 l/h
Wash temperature (min-max)	60 °C	**Usable load height**	400 mm
		Depth with door open	1020 mm
Rinse temperature (min-max)	71 °C - 85 °C	**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	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
Lower washing system	One washing and one split rinse spray arms, stainless steel	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
Chemical level probe	Yes, optional KITSONLIV	Break tank	Yes
Chemical dosing	gr/lt	Partial water exchange in the wash tank via built-in drain pump	Yes
Integral continuous water softener	Yes		
Rinse boiler Thermostop system	Yes - default	Water supply pipe diameter	16 mm
Wash tank Thermostop system	Yes	Drain supply pipe diameter	21.5 mm
Wash pump soft start system	Yes	Detergent (red) hose length	Yes, manual
		Rinse aid (blue) hose length	Yes, manual

Logistic Information

Packed width	660 mm	Dimensions of the packed product (mm)	990X660X700
Packaged depth	700 mm		
Height (mm) packed	990 mm	Net weight (kg)	68.000 kg
		Gross weight (kg)	76.000

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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
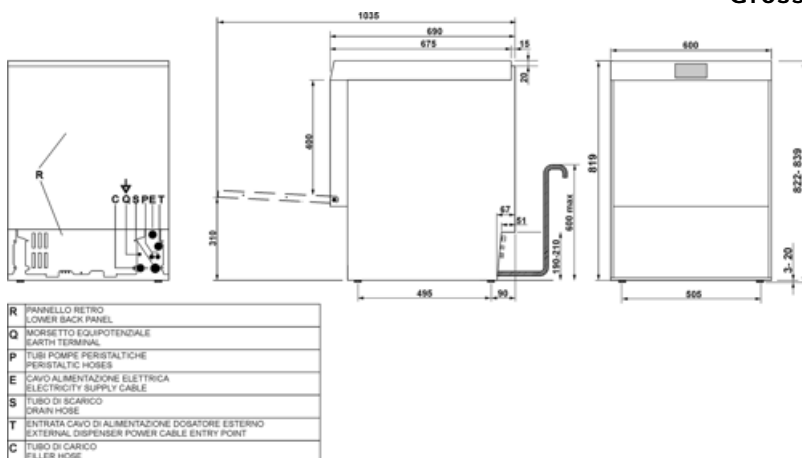
Compatible Accessories

KITDETKCC500

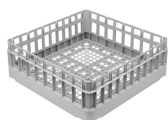Kit for detergent (1l) and rinse storage (1l) for dishwashers 500x500

KITSONLIV

Probe level kit

KIT-WG500
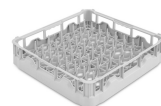
PB50D01

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	**GN1/1**	Suitable for 1/1GN trays
	HTR rinsing system		5 STAGE FILTER
	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.