SPD522S

Family	Professional dishwasher
Subfamily	Undercounter dishwashers
Type	Twin basket
Basket dimensions	500x500 mm
Rinse pump	Self-Adaptive HTR+
Wash pump	Variable speed AdaptWash
Power connection	400 V 3N~ / 15 A / 8,4 kW / 50 Hz

Target

Solutions	Coffee shops/Wine bars; Hotels; Offices; QSR

Aesthetics

Series	Pura	**Led color**	White

Technical Features

Trays washing option	Yes	**Inlet pressure**	100-1000 kPa (min-max)
Trays number	7 x GN 1/1 (530 x 325 mm)	**Detergent load**	1,5 l/h
Water consumption per cycle	2,5 l	**Rinse load**	0,4 l/h
		Usable load height	400 mm
Wash temperature (min-max)	60 °C - 70 °C	**Depth with open door**	1020 mm
Rinse temperature (min-max)	65 °C - 87 °C	**Configuration 1: maximum height for glasses lower basket/ Ø dishes upper basket**	110 mm/225 mm
Minimum water consumption per cycle	1,8 l	**Configuration 2: max H glasses lower basket /max Ø dishes upper basket**	190 mm/145 mm
Min. water connection temperature	5°C		
Max. inlet temperature	60°C	**Product dimensions WxDxH**	600x600x822 mm
Max water hardness	54°f - 30°dH		

Programs

Programs	10 customizable programs; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program table	Pura dishwasher twin basket 500
Program visibility	Yes
Maximum basket/hour	90
Maximum dishes/hour	1296
Maximum glasses/hour	1620

Connectivity

SmegConnect Pro	Yes	PST certificate support period [UK]	24 months
Connectivity	Wi-Fi	UK PSTI support period end date	2028-04-09

Electrical Connection

Plug	Not present	Wash pump power	700 W
Tank heating element power	2000 W	Default connection	8400 W
Boiler heating element power	5700 W	Optional electrical connection	230 V 3~ / 24 A / 8,4 kW / 50 Hz; 230 V~ / 14 A / 3,1 kW / 50 Hz; 230 V~ / 31 A / 7,1 kW / 50 Hz

Interface

Display	TFT	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	Filter	5-stage filter system
Construction	Integral double-skin	Filter presence sensor	Yes
Tank material	Stainless steel AISI 304	Tank capacity	11 l
Back panel	Galvanized	Boiler capacity	6,5 l
Balanced door	Yes	Noise	Lpa 54,5 dBA
Upper wash system	One wash and one split rinse spray arms, stainless steel	USB port	Yes
		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		
Rack guides	Embossed low, telescopic up		

Accessories included

Dish basket	1x PB50D01	Water supply hose	Yes - 2m
Cutlery basket	2x PHOOS01	Drain hose	Yes - 2m
Flat basket	1x PB50G02		

Equipments

Drain pump	Yes	Option for auto daily switch on	Yes, default OFF
Peristaltic detergent dispenser	Electronic control	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
Automatic built 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 lenght	2,2m
Wash pump soft start system	Yes	Rinse aid (blue) hose lenght	2,2m
Stand-by system	Yes		

Logistic Information

Width packed product	660 mm	Packed product dimensions	990X660X700
Depth packed product	700 mm		
Height packed product	990 mm	Net weight	68,000 kg
		Gross weight (kg)	76,000
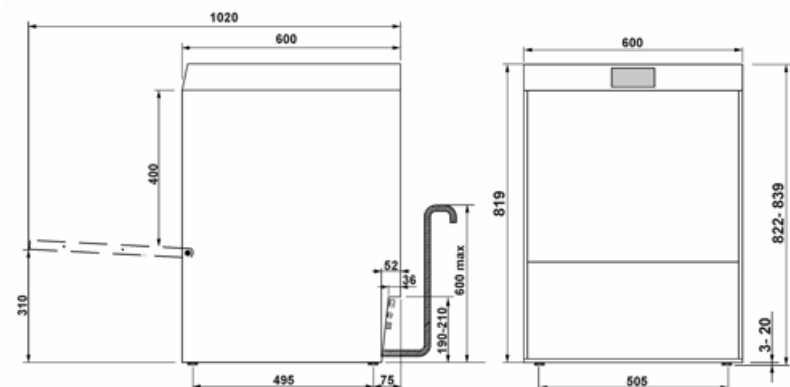
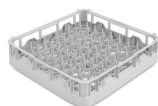# Compatible Accessories

KITDETKCC500

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

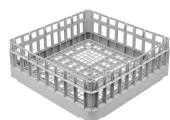**KITSONLIV**

Probe level kit

PB50D01

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

PB50G01

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

PB50G02

Universal flat bottom polypropylene basket, dim. (WxDxH) 500x500x170 mm

PB50T01

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

PHOOS01

Polypropylene single basket for cutlery

PHOOS02

6 compartment polypropylene basket for cutlery

WB50D01

Wire basket for 18 dishes Ø250 mm. or self service trays, dim. (WxDxH) 500X500x92 mm

WB50G01

Universal wire basket with flat bottom, dim. (WxDxH) 500x500x123 mm

WB50G02

Wire basket with sloped bottom for 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 glasses Ø135 mm max, dim. (WxDxH) 500x500x165 mm

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

WH00S01

Wire insert for 12 small dishes

WS5

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

Symbols glossary

🛜	Wi-Fi connectivity	A0=30	THERMODESINFECTION A0=30
A0=60	THERMODESINFECTION A0=60	GN1/1	SUITABLE FOR GASTRONORM TRAY
	HTR RINSING SYSTEM		MAX. USABLE HEIGHT 400mm
	5 STAGE FILTER		Professional appliance with Wi-fi connectivity and remote control via Remote SmegConnectPro App.

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

Self-adaptive rinsing system for intelligent water management

The self-Adaptive HTR+ System monitors and adjusts the rinse volume with each wash cycle. The intelligent rinse management ensures the perfect amount of water and heat on the dishes, delivering consistent, reliable results, cycle after cycle.

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.

Double basket

Double load capacity for maximum productivity

Designed to ensure maximum productivity and high configuration flexibility. This solution represents a sustainable choice, as it allows for handling larger loads while reducing the number of cycles required. In doing so, it optimises the use of resources such as energy, water, and detergents.

MyPersonal Wash

10 pre-set washing programmes for a complete and ready-to-use solution

Each model in the PURA range offers 10 tested programmes, ensuring ready-to-use solutions for any washing requirement. With the MyPersonal Wash function, parameters such as time, temperature, pressure, and washing options can be customised, optimising cycles for delicate dishes or stubborn dirt. The result is a tailored wash, always flawless.

AdaptWash system

Consistently perfect washing pressure for flawless results with every wash

The AdaptWash system offers 3 pressure levels that automatically adjust based on the selected program, ensuring optimal cleaning for every type of load.

Program visibility

Program selection displayed for simplified dishwasher management

Users can select the programs to be displayed, hiding those that are unnecessary or unused. This feature not only helps prevent improper use of the appliance but also represents a significant step towards fully customising the user experience.