![smeg PROFESSIONAL logo]

SPD505AU

Family	Dishwasher
Subfamily	Undercounter dishwashers
Type	Undercounter
Crockery	Crockery; Glasses; Cutlery; GN1/1 trays
Basket dimensions	500x500 mm
Control panel	Electronic
Rinse pump	HTR system
Wash pump	Standard
Power connection	230 V~ / 16 A / 3,5 kW /50 Hz

Distribution

Solutions	Hotels; Restaurants/Catering; QSR

Aesthetics

Serie	Ecoline	**Led color**	Red

Technical Features

Trays washing option	Yes	**Max water hardness**	12°f - 7°dH
Trays number	7 x GN 1/1 (530 x 325 mm)	**Water inlet**	Cold 15°C
Water consumption per cycle	3,2 l	**Detergent load**	Yes, manual
		Rinse load	Yes, manual
Wash temperature (min-max)	60 °C	**Usable load height**	340 mm
Rinse temperature (min-max)	85 °C	**Depth with open door**	1000 mm
		Product dimensions WxDxH	578x600x814 mm
Minimum water consumption per cycle	3,2 l		
Water inlet	8°C		
Max. inlet temperature	60°C		

Programs

Programs	3 automatic programs; Self-cleaning programs

Program options	Extra rinse; Clean water cycle		
Program table	Electronic Ecoline dishwasher 500		
Maximum basket/hour	40		
Maximum dishes/hour	720		
Maximum glasses/hour	1440		

Electrical Connection

Plug	(I) Australia	**Wash pump power**	700 W
Tank heating element power	1400 W	**Default connection**	7300 W
Boiler heating element power	2800 W	**Electrical connection option**	230 V~ / 16 A / 3,5 kW / 50 Hz

Interface

Display	4 digit	**On/Off button**	Yes
Number of buttons	5	**Manual diagnostic**	Yes

Construction

Tank	Deep drawn	**Rack guides**	Embossed
Construction	Partial double wall	**Filter**	4-stages filter system
Tank material	Stainless steel AISI 304	**Tank capacity**	16 l
Back panel	Galvanized	**Boiler capacity**	6 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	**Rumorosità**	Lpa 54,5 dBA
		Protection class	IPX4
Lower washing system	One washing and one combined rinse spray arms, stainless steel and plastic	**Adjustable feet**	Yes
		Drain max. height	600 mm
Tank filter	Plastic		
Door gasket	Only up		

Accessories Included

Dish basket	PB50D01	**Water supply pipe**	In acciaio Watermark
Cutlery basket	PHOOS02	**Drain pipe**	Yes - 2m
Flat basket	PB50G01		

Equipments

|			
Drain pump	Yes	**Cycle counter**	Yes
Peristaltic detergent dispenser	Yes, electronic control	**Break tank**	Yes
Peristaltic rinse-aid dispenser	Yes, electronic control	**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**	16 mm
Rinse boiler Thermostop system	Yes - default	**Drain supply pipe diameter**	21,5 mm
Wash tank Thermostop system	Yes	**Peristaltic detergent doser**	Yes, manual
Wash pump soft start system	Yes	**Peristaltic detergent doser**	Yes, manual
Option for auto daily switch on	Yes, default OFF		

Logistic Information

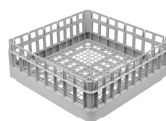|			
Width packed product	660 mm	**Packed product dimensions**	990X660X700
Depth packed product	700 mm		
Height packed product	990 mm	**Net weight**	56,000 kg
		Gross weight (kg)	64,000
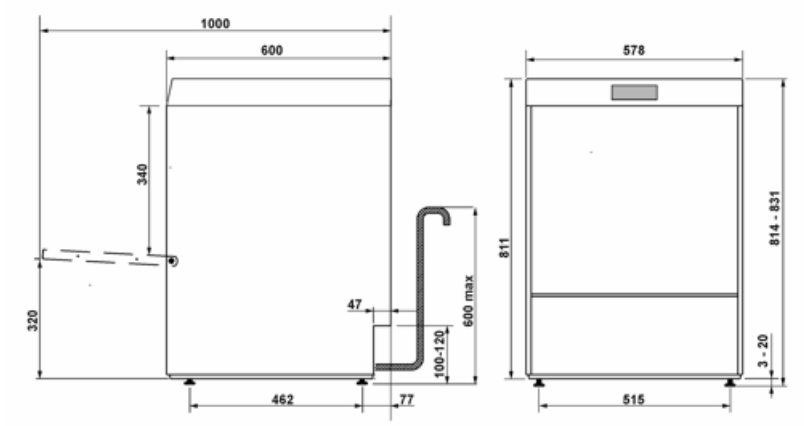
Compatible Accessories
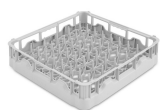
PB50D01

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

PHOOS01

Single basket in polypropylene for cutlery

PHOOS02

Basket in polypropylene for cutlery with 6 compartments

WB50D01

Wire basket for 18 dishes and trays 500X500

WB50G01

Universal wire basket with flat bottom 500x500

WB50G02

Wire basket for glasses with inclined bottom 500x500

WB50G03

Wire basket for glasses with inclined bottom 500x500

WB50G04

Wire basket for glasses with inclined bottom 500x500

WB50PG5

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

WB50T02

Wire basket for 5 trays 600x500

WH00S01

Wire insert for 12 small dishes

WS5

Underframe for glasswahsers 500mm

Symbols glossary

GN1/1	...		...
	5 stand filter		MAX.USABLE HEIGHT 340mm

Benefit (TT)

Interface

Control panel with electronic buttons

The electronic control panel features an intuitive interface with soft-touch buttons, allowing easy selection of one of the three wash programmes: short, medium, or intensive. There are also buttons for power, selection, and cycle start. The display provides real-time monitoring of the tank and boiler temperature, as well as diagnostics, ensuring effortless and immediate control of the main functions.

4-stage filtration system

Deep cleaning and spotless washes with the Patented 4-Stages Filtration System

The innovative Smeg filtration system consists of 4 stages to completely eliminate all impurities: the 1st stage captures larger food residues; in the 2nd stages, finer particles are captured at this filtration stage; the 3th 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.

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.

Partial double skin

Optimised thermal and acoustic insulation

The double-skin design of the Ecoline features dual insulation on the door, top, and rear panel, while the side panels have a single layer of insulation. This structure optimises energy efficiency by minimising heat loss. Additionally, it provides effective acoustic 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.