SPD505AU10

Family	Dishwasher
Subfamily	Undercounter
Type	Undercounter dishwashers
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~ / 10 A / 2,1 kW /50 Hz



Distribution

Industries	Bar / Cafeterias / Bistros / Wine bars / Pubs; Hotels; Ristoranti / Catering; Bakeries / Pastry shops; Butcher shops / Delicatessens; Catering; Care facilities ; Commercial food services

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
		Depth with open door	1000 mm
Rinse temperature (min-max)	85 °C	**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

Tank heating element power	1400 W	**Default connection**	7300 W
Boiler heating element power	1400 W	**Plug**	(I) Australia
Wash pump power	700 W		

Interface

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

Construction

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

Accessories Included

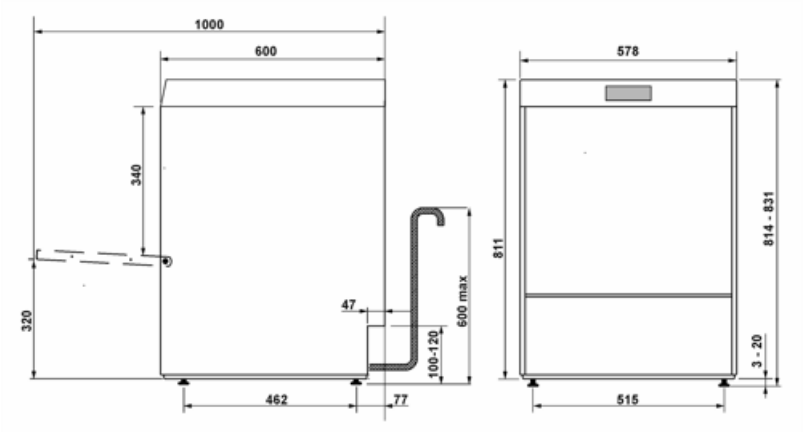
Dish basket	PB50D01	**Water supply pipe**	In acciaio Watermark
Cutlery basket	PHOOS02	**Drain pipe**	Yes - 2m
Flat basket	PB50G01		

Equipments

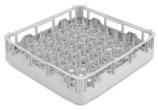
Drain pump	Yes	**Cycle counter**	Yes
Peristaltic detergent dispenser	Yes, electronic control	**Break tank**	Yes
Peristaltic rinse-aid dispenser	Yes, electronic control	**Partial renewal of water in the tank and built-in drain pump**	Yes
Deafult chemicals dosing unit of measure	gr/lt	**Water supply pipe 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 mm
Depth packed product	700 mm	**Net weight**	53.000 kg
Height packed product	990 mm	**Gross weight (kg)**	61.000 kg



Compatible Accessories



PB50D01

Basket made of polypylene for 18 plates 500x500



PHOOGR5

Glass basket for 500x500 mm glasswashers



PHOOS01

Single basket in polypropylene for cutlery



PHOOS02

Basket in polypropylene for cutlery with 6 compartments



PHOOS04

4 compartments polypropylene basket for cutlery



WH00S01

Wire insert for 12 small dishes



WS5

Underframe for glasswahsers 500mm

Symbols glossary



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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.