

SPD505AU10

Family	Dishwasher
Subfamily	Undercounter
Type	Undercounter dishwashers
Crockery	Crockery; Glasses; Cutlery; GN1/1 trays
Basket dimensions	500x500 mm
Control panel	Electronic
Standard drain pump with partial water renewal in the wash tank	Yes
Rinse pump	HTR system
Boiler type	Atmosferic boiler
Wash pump	Standard
Power connection	230 V~ / 10 A / 2,1 kW / 50 Hz
Product dimensions WxDxH	578x600x814 mm



Distribution

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

Led color	Red	Serie	Ecoline
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Technical Features

Trays number	7 x GN1/1	Max. inlet temperature	60°C
Trays washing option	Yes	Max water hardness	5°f - 3°dH
Water consumption per cycle	3,2 l	Inlet pressure	Cold 15°C
Wash temperature (min-max)	60 °C	Detergent load	1,5 l/h
Rinse temperature (min-max)	85 °C	Rinse load	0,4 l/h
		Usable load height	340 mm
		Depth with open door	1000 mm

Min. water connection temperature	8°C
Minimum water consumption per cycle	3,2 l

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 Plug	7300 W (I) Australia
Boiler heating element power	1400 W		
Wash pump power	700 W		

Interface

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

Construction

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

Accessories Included

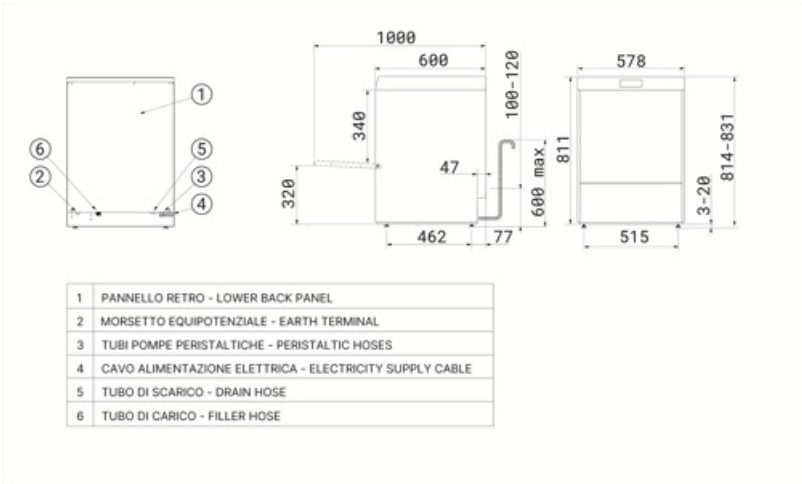
Dish basket	PB50D01	Water supply pipe	In acciaio Watermark
Cutlery basket	1x PHOOS04	Drain pipe	Yes - 2m
Flat basket	PB50G01		

Equipments

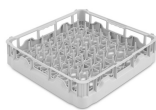
Peristaltic detergent dispenser	Yes, electronic control	Cycle counter	Yes
Peristaltic rinse-aid dispenser	Yes, electronic control	Break tank	Yes
Default chemicals dosing unit of measure	gr/lt	Water supply pipe diameter	DN15 - ½"
Rinse boiler Thermostop system	Yes - default	Drain supply pipe diameter	DN20-G ¾"
Wash tank Thermostop system	Yes	Detergent (red) hose length	2,2 m
Wash pump soft start system	Yes	Rinse aid (blue) hose length	2,2 m
Option for auto daily switch on	Yes, default OFF		

Logistic Information

EAN code	8017709346409	Net weight	53,000 kg
Packed product dimensions (WxDxH)	660x700x990 mm	Gross weight (kg)	61,000 kg



Compatible Accessories

**PB50D01**

Basket made of polypropylene for 18 plates
500x500

**PHOGR5**

Glass basket for 500x500 mm
glasswashers

**PHOOS01**

Single basket in polypropylene for
cutlery

**PHOOS04**

4 compartments polypropylene
basket for cutlery

**WH00S01**

Wire insert for 12 small dishes

**WS5**

Underframe for glasswashers 500mm

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.