SPD505S

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	400 V 3N~ / 12 A / 7,3 kW / 50 Hz
Product dimensions (WxDxH)	578x600x814 mm



Target

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

Aesthetics

Led color	**Series**	Ecoline

Technical Features

Trays number	7 x GN1/1
Trays washing option	Yes
Water consumption per cycle	3,2 l
Wash temperature (min-max)	60 °C
Rinse temperature (min-max)	85 °C
Min. water connection temperature	5°C
Minimum water consumption per cycle	3,2 l
Max. inlet temperature	60°C
Max water hardness	60°f - 34°dH
Inlet pressure	100-1000 kPa (min-max)
Detergent load	1,5 l/h
Rinse load	0,4 l/h
Usable load height	340 mm
Depth with open door	1000 mm

Programs

Programs	3 automatic programs; Self-cleaning programs
Program options	Extra rinse, Clean water cycle
Program table	Electronic Ecoline dishwasher and glasswasher500
Maximum basket/hour	40
Maximum glasses/hour	1440

Electrical Connection

Tank heating element power	2000 W
Boiler heating element power	6100 W
Wash pump power	700 W
Default connection	7300 W
Optional electrical connection	230 V 3~ / 19 A / 7,3 kW / 50 Hz; 230 V 3~ / 19 A / 6,8 kW / 50 Hz ; 230 V~ / 15 A / 3,4 kW / 50 Hz; 230 V~ / 17 A / 3.9 kW / 50 Hz; 230 V~ / 20 A / 4,5 kW / 50 Hz ; 230 V~ / 22 A / 5,0 kW / 50 Hz; 400 V 3N~ / 12 A / 6,8 kW / 50 Hz
Potential equalisation	Yes
Plug	Not present

Interface

On/Off button	Yes
Salt alert	Yes
Manual diagnostic	Yes

Construction

Tank	Deep drawn
Construction	Partial double-skin
Tank material	Stainless steel AISI 304
Back panel	St/steel
Upper wash system	One wash and one split rinse spray arms, stainless steel
Lower wash system	One wash and one combined rinse spray arms, stainless steel and plastic
Tank filter	Plastic
Door gasket	Only up
Rack guides	Embossed
Filter	4-stage filter system
Tank capacity	16 l
Boiler capacity	6 l
Noise	Lpa 54,5 dBA
Protection class	IPX4
Adjustable feet	Yes
Drain max. height	1000 mm
Power cable length	180 cm

Accessories included

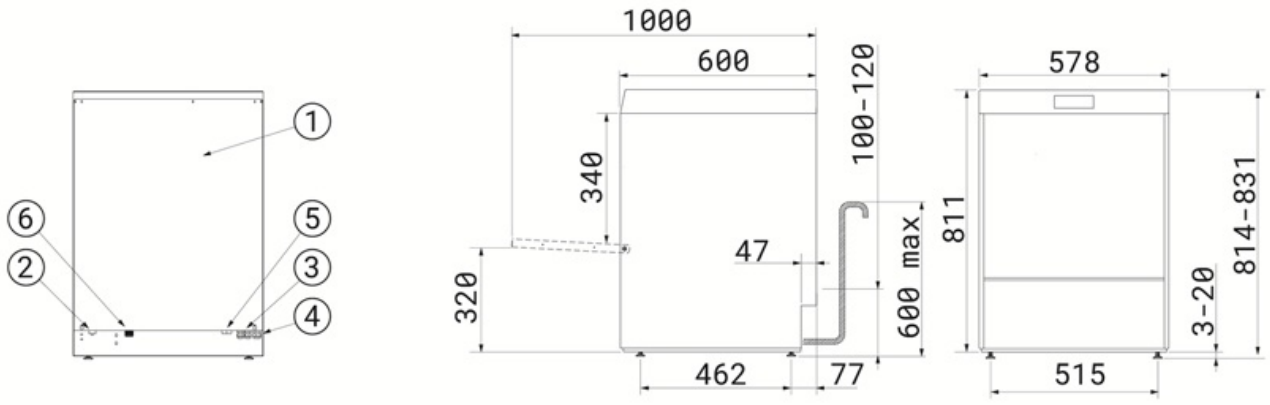
Dish basket	1x PB50D01
Cutlery basket	1x PHOOS04
Flat basket	1x PB50G02
Water supply hose	Yes - 1,5 m
Drain hose	Yes - 2m

Equipments

Peristaltic detergent dispenser	Manual	**Stand-by system**	Yes
Peristaltic rinse-aid dispenser	Manual	**Cycle counter**	Yes
Deafult chemicals dosing unit of measure	gr/lt	**Break tank**	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 length**	2,2 m
Wash pump soft start system	Yes	**Rinse aid (blue) hose length**	2,2 m

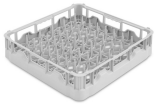
Logistic Information

EAN code	8017709327132	**Net weight**	61,000 kg
Packed product dimensions (WxDxH)	660x700x990 mm	**Gross weight**	69,000 kg



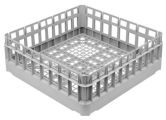
1	PANNELLO RETRO - LOWER BACK PANEL
2	MORSETTO EQUIPOTENZIALE - EARTH TERMINAL
3	TUBI POMPE PERISTALTICHE - PERISTALTIC HOSES
4	CAVO ALIMENTAZIONE ELETTRICA - ELECTRICITY SUPPLY CABLE
5	TUBO DI SCARICO - DRAIN HOSE
6	TUBO DI CARICO - FILLER HOSE

Compatible Accessories



PB50D01

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



PB50G02

Universal flat bottom polypropylene basket, internal height 150 mm, dim. (WxDxH) 500x500x170 mm



PHOOGR5

Tilted glass insert for basket PB50G02 500x500 mm, configurable with 4 units of 5 glasses each (first line Ø max 110 mm, lines 2-4 Ø max 95 mm), or 5 units of 5 glasses each (forst line Ø max 95 mm, lines 2-5 Ø max 75 mm)



PHOOS01

Polypropylene single basket for cutlery



PHOOS04

4 compartments polypropylene basket for cutlery



WB50D01

Wire basket for 18 dishes Ø250 mm max or trays h 370 mm, dim. (WxDxH) 500X500x92 mm



WB50G01

Universal wire basket with flat bottom, internal height 120 mm, dim. (WxDxH) 500x500x130 mm



WB50G02

Sloped bottom wire basket for 25 glasses Ø90 mm max, dim. (WxDxH) 500x500x170 mm



WB50G03

Sloped bottom wire basket for 20 glasses Ø90 mm max, dim. (WxDxH) 500x500x235 mm



WB50G04

Wire basket with sloped bottom for 12 glasses Ø110 mm max or 9 glasses Ø135 mm max, dim. (WxDxH) 500x500x165 mm



WB50PG5

Wire basket with flat bottom for 25 plastic glasses, max. H 230 mm, min.-max. Ø 36-95 mm, dim. (WxDxH) 500x500x260 mm



WB50T02

Wire basket for 7 trays GN1/1 h 20 mm, dim. (WxD) 500x500 mm



WH00S01

Wire insert for 17 small dishes, width 100 mm, for flat bottom baskets 500x500 and 600x500 mm



WS5

Stainless steel underframe for undercounter glasswashers and dishwashers 500 mm, dim. (WxDxH) 595x595x490 mm

Benefit (TT)

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 rinsing temperature according to the program setting. 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.

Partial double-skin

Optimised thermal and acoustic insulation

The Ecoline undercounter dishwashers are equipped with a partial double-skin structure that 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.