SPD503S

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
Boiler type	Pressure 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	Red	**Series**	Ecoline

Technical Features

Trays number	7 x GN1/1	**Max. inlet temperature**	60°C
Trays washing option	Yes	**Max water hardness**	60°f - 34°dH
Water consumption per cycle	3,2 l	**Inlet pressure**	250-1000 kPa (min-max)
Wash temperature (min-max)	60 °C	**Detergent load**	1,5 l/h
Rinse temperature (min-max)	85 °C	**Rinse load**	0,4 l/h
Min. water connection temperature	5°C	**Usable load height**	340 mm
Minimum water consumption per cycle	3,2 l	**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 500
Maximum basket/hour	40
Maximum dishes/hour	720
Maximum glasses/hour	1440

Electrical Connection

Tank heating element power	2000 W	**Default connection**	7300 W
Boiler heating element power	6100 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
Wash pump power	700 W		

Interface

Display	4 digit	**Salt alert**	Yes
On/Off button	Yes	**Manual diagnostic**	Yes

Construction

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

Accessories included

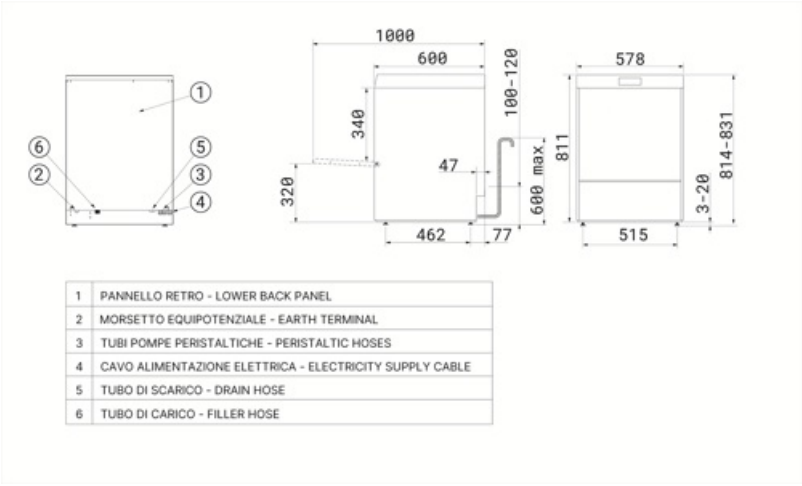
Dish basket	1x PB50D01	**Water supply hose**	Yes - 1,5 m
Cutlery basket	1x PHOOS04	**Drain hose**	Yes - 2m
Flat basket	1x PB50G02		

Equipments

Peristaltic detergent dispenser	Electronic control	**Stand-by system**	Yes
Peristaltic rinse-aid dispenser	Electronic control	**Option for auto daily switch on**	Yes, default OFF
Deafult chemicals dosing unit of measure	gr/lt	**Cycle counter**	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

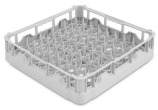
Logistic Information

EAN code	8017709331627	**Net weight**	60.000 kg
Packed product dimensions (WxDxH)	660x700x990 mm	**Gross weight**	68.000 kg



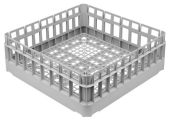
1	PANNELLO RETRO - LOWER BACK PANEL
2	MORSETTO EQUIPOTENZIALE - EARTH TERMINAL
3	TUBI POMPE PERISTALTICHE - PERISTALTIC HOSES
4	CAVO ALIMENTAZIONE ELETTRICA - ELECTRICITY SUPPLY CABLE
5	TUBO DI SCARICO - DRAIN HOSE
6	TUBO DI CARICO - FILLER HOSE

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

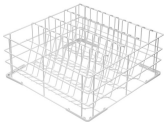
Wire basket for 18 dishes Ø250 mm max or trays h 370 mm, dim. (WxDxH) 500X500x92 mm

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 Ø95 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)

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.

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.