

SPD503

Family	Professional 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
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	5°f - 3°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	Manual diagnostic	Yes
On/Off button	Yes		

Construction

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

Accessories included

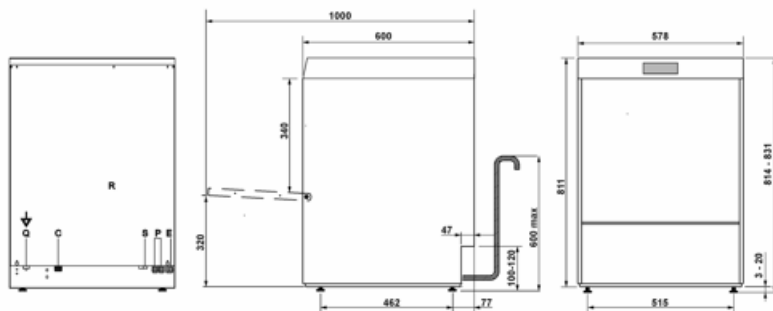
Dish basket	1x PB50D01	Water supply hose	Yes - 1,5 m
Cutlery basket	1x PHOOS04	Drain hose	Yes - 2m
Flat basket	1x PB50G02		

Equipments

Peristaltic detergent dispenser	Electronic control	Option for auto daily switch on	Yes, default OFF
Peristaltic rinse-aid dispenser	Electronic control	Cycle counter	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 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
Stand-by system	Yes		

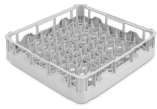
Logistic Information

EAN code	8017709327620	Net weight	52,000 kg
Packed product dimensions (WxDxH)	990x660x700 mm	Gross weight	60,000 kg



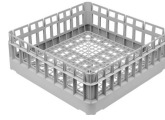
R	PANNELLO RETRO LOWER BACK PANEL
Q	MORSETTO EQUIPOTENZIALE EARTH TERMINAL
P	TUBI POMPE PERISTALTICHE PERISTALTIC HOSES
E	CAVO ALIMENTAZIONE ELETTRICA ELECTRICITY SUPPLY CABLE
S	TUBO DI SCARICO DRAIN HOSE
T	ENTRATA CAVO DI ALIMENTAZIONE DOSATORE ESTERNO EXTERNAL DISPENSER POWER CABLE ENTRY POINT
C	TUBO 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



PHOGR5

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 (first 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

Wire basket with sloped bottom for
25 glasses Ø90 mm max, dim.
(WxDxH) 500x500x170 mm



WB50G03

Wire basket with sloped bottom for
glasses Ø72 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.

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.