

SPH500

Family	Professional dishwasher
Subfamily	Hoodtype dishwashers
Line	Ecoline a pulsanti
Basket dimensions	500x500 mm
Wash pump	Standard
Power connection	400 V 3N~ / 16 A / 9,7 kW / 50 Hz



Accessories included

Dish basket	1x PB50D01	Water supply hose	Yes - 2m
Cutlery basket	1x PHOOS02	Drain hose	Yes - 2m
Flat basket	1x PB50G02		

Target

Solutions	Coffee shops/Wine bars; Hotels; Restaurants/Pubs; QSR
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Programs

Programs	2 automatic programs; Self-cleaning programs
Program table	Mechanical Ecoline hoodtype
Maximum basket/hour	40
Maximum dishes/hour	720
Maximum glasses/hour	1440

Interface

Number of buttons	4	On/Off button	Yes
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Construction

Tank	Deep drawn	Hood elevation system	Manual
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Construction	Single-skin hood	Filter	5-stage filter system
Tank material	Stainless steel AISI 304	Tank capacity	14 l
Back panel	Prepainted	Boiler capacity	8 l
Upper wash system	One wash and one split rinse spray arms, stainless steel	Protection class	IPX4
Lower wash system	One wash and one split rinse spray arms, stainless steel	Adjustable feet	Yes
Tank filter	Stainless steel	Drain max. height	1000 mm

Technical Features

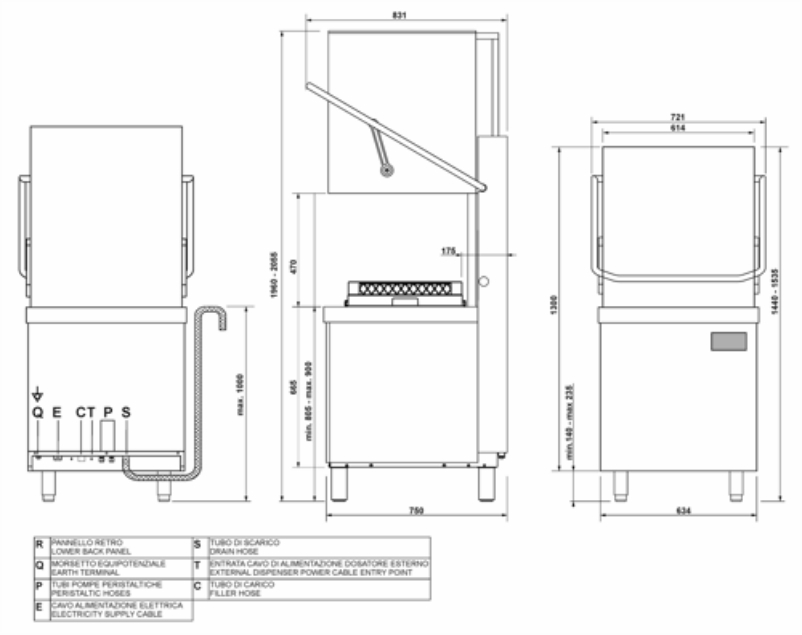
Trays washing option	Yes	Max water hardness	12°f - 7°dH
Trays number	7 x GN 1/1 (530 x 325 mm)	Inlet pressure	250-1000 kPa (min-max)
Water consumption per cycle	3,2 l	Detergent load	1,5 l/h
Wash temperature (min-max)	58 °C	Rinse load	0,4 l/h
Rinse temperature (min-max)	87 °C	Usable load height	470 mm
Minimum water consumption per cycle	3,2 l	Maximum height with open hood	2055 mm
Min. water connection temperature	5°C	Product dimensions WxDxH	634x750x1440 mm
Max. inlet temperature	60°C		

Electrical Connection

Plug	Not present	Wash pump power	700 W
Tank heating element power	2200 W	Default connection	9700 W
Boiler heating element power	9000 W	Optional electrical connection	230 V 3~ / 26 A / 9,7 kW / 50 Hz; 230 V~ / 16 A / 3,7 kW / 50 Hz; 230 V~ / 30 A / 6,7 kW / 50 Hz

Equipments

Drain pump	Yes	Stand-by system	Yes
Peristaltic detergent dispenser	Manual	Option for auto daily switch on	Yes, default OFF
Peristaltic rinse-aid dispenser	Manual	Partial renewal of water in the tank and built-in drain pump	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 lenght	2,2m
Wash pump soft start system	Yes	Rinse aid (blue) hose lenght	2,2m

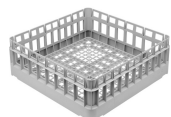


Compatible Accessories



KITSONLIV

Probe level kit



PB50G02

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



PHO0GR5

Glass insert for 500x500 mm basket



PHOOS02

6 compartment polypropylene basket for cutlery



WB50D01

Wire basket for 18 dishes Ø250 mm. or self service trays, dim. (WxDxH) 500x500x92 mm



WB50G02

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



WB50G04

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



WB50T02

Wire basket for 7 trays GN1/1 h 20 mm



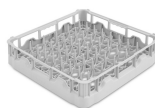
WT51200SHL

Entry table left side with sink and scraping hole, splashback (100mm) and lower shelf, dim. (WxDxH) 1200x720x821, 5 mm



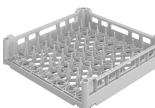
WT51200SL

Entry table left side with sink, splashback (100mm) and lower shelf, dim. (WxDxH) 1200x720x821, 5 mm



PB50D01

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



PB50T01

Polypropylene basket for 8 trays GN 1/1 h 40 mm



PHOOS01

Polypropylene single basket for cutlery



PHOOS03

8 compartments polypropylene basket for cutlery



WB50G01

Universal wire basket with flat bottom, dim. (WxDxH) 500x500x123 mm



WB50G03

Wire basket with sloped bottom for glasses Ø72 mm max, dim. (WxDxH) 500x500x235 mm



WB50PG5

Wire basket with flat bottom for 25 plastic glasses, dim. (WxDxH) 500x500x260 mm



WH00S01

Wire insert for 12 small dishes



WT51200SHR

Entry table right side with sink and scraping hole, splashback (100mm) and lower shelf, dim. (WxDxH) 1200x720x821, 5 mm



WT51200SR

Entry table right side with sink, splashback (100mm) and lower shelf, dim. (WxDxH) 1200x720x821, 5 mm



WT5700SL

Entry table left side with sink, splashback (100mm) and lower shelf, dim. (WxDxH) 700x720x821, 5 mm



WT5700SR

Entry table right side with sink, splashback (100mm) and lower shelf, dim. (WxDxH) 700x720x821, 5 mm



WTX51200

Universal entry/exit table for either side, with lower shelf, dim. (WxDxH) 1200x560x821, 5 mm



WTX51200L

Exit left side table, with splashback (100 mm) and lower shelf, dim. (WxDxH) 1200x720x821, 5 mm



WTX51200R

Exit right side table, with splashback (100 mm) and lower shelf, dim. (WxDxH) 1200x720x821, 5 mm



WTX5700

Universal entry/exit table for either side, with lower shelf. dim. (WxDxH) 700x560x821, 5 mm.



WTX5700L

Exit table left side, with back splashback (100mm) and lower shelf, dim. (WxDxH) 700x720x821, 5 mm



WTX5700R

Exit table right side, with back splashback (100mm) and lower shelf, dim. (WxDxH) 700x720x821, 5 mm

Symbols glossary



SUITABLE FOR GASTRONORM TRAY



5 STAGE FILTER



MAX. USABLE HEIGHT 470mm

Benefit (TT)

5-stage system

Deep cleaning and spotless washes with the patented filtration system

The innovative Smeg filtration system consists of 5 stages to completely eliminate all impurities: the 1st stage captures larger food residues; in the 2nd and 3rd stages, finer particles are captured at this filtration stage; the 4th 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.

The presence sensor filter alerts if the filtration system is out of position, ensuring safe washes every time.

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.

Single-skin hood

Thermal and acoustic insulation guaranteed

The hood of the Ecoline features a single-skin structure designed to enhance energy efficiency by reducing heat dispersion. Additionally, it provides good sound insulation, helping to lower noise levels and ensure 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.

Hood lift

Unprecedented comfort with the patented lifting system

The new ergonomic handle, combined with the patented lifting system, minimises the effort required to open and close the hood, limiting it to just 2.5 kg. This system ensures an exceptionally smooth and lightweight operation, helping to protect the operator's health and well-being, even during extended use.

Mechanical Interface

Control panel with mechanical buttons

The mechanical version is equipped with 4 buttons: one for powering the appliance on and off, one for starting the wash cycle, one for selecting the cycle, and a button for draining the tank and initiating the final self-cleaning. The panel also includes two indicator lights that provide important information, such as low salt levels and the boiler status.