

SPH500

Family	Professional dishwasher
Subfamily	Hoodtype
Type	Hoodtype dishwashers
Crockery	Crockery; Glasses; Cutlery; GN1/1 trays
Basket dimensions	500x500 mm
Control panel	Mechanical
Wash pump	Standard
Power connection	400 V 3N~ / 16 A / 9,7 kW / 50 Hz
Product dimensions (WxDxH)	634x750x1440 mm



Aesthetics

Series	Ecoline
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Technical Features

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

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

Electrical Connection

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
Wash pump power	700 W	Plug	Not present

Interface

Number of buttons	4	On/Off button	Yes
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Construction

Tank Construction	Deep drawn	Filter	5-stage filter system
Tank material	Single-skin hood	Tank capacity	14 l
Back panel	Stainless steel AISI 304	Boiler capacity	8 l
Upper wash system	Prepainted	Boiler type	Pressure boiler
Lower wash system	One wash and one split rinse spray arms, stainless steel	Noise	Lpa 63,1 dBA
Tank filter	One wash and one split rinse spray arms, stainless steel	Protection class	IPX4
Hood elevation system	Stainless steel	Adjustable feet	Yes
	Manual	Drain max. height	1000 mm

Accessories included

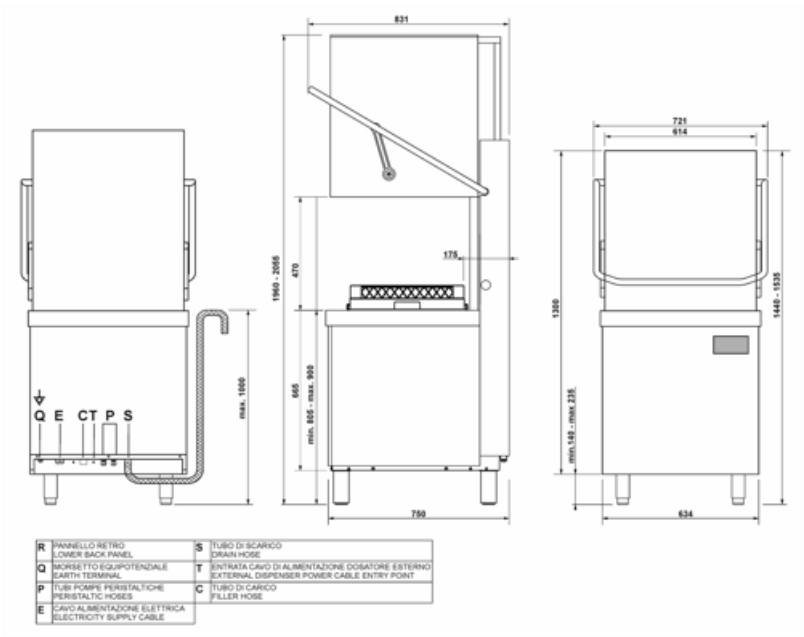
Dish basket	1x PB50D01	Water supply hose	Yes - 2 m
Cutlery basket	1x PHOOS04	Drain hose	Yes - 2m
Flat basket	1x PB50G02		

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	2,2 m
Wash pump soft start system	Yes	Rinse aid (blue) hose lenght	2,2 m

Logistic Information

EAN code	8017709334147	Net weight	99,000 kg
Packed product dimensions (WxDxH)	1700x700x900 mm	Gross weight	118,000 kg

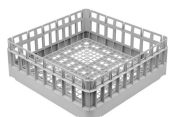


Compatible Accessories



KITSONLIV

Probe level kit



PB50G02

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



PHO0GR5

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)



PHOOS03

8 compartments polypropylene basket for cutlery



WB50D01

Wire basket for 18 dishes Ø250 mm max or trays h 370 mm, dim. (WxDxH) 500x500x92 mm



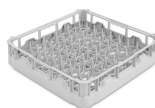
WB50G02

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



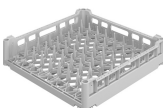
WB50G04

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



PB50D01

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



PB50T01

Polypropylene basket for 8 trays GN 1/1 h 40 mm, vertical row spacing 68 mm and horizontal row spacing 54 mm, dim. (WxDxH) 500x500x105 mm



PHOOS01

Polypropylene single basket for cutlery



PHOOS04

4 compartments polypropylene basket for cutlery



WB50G01

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

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

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

WTX51200R



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

WTX5700L



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

WTX6700F



Universal table for either side, with front coupling and lower shelf, dim. (WxDxH) 705x660x821,5 mm

WH00S01



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

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

WTC5R



Right side closure kit for Hoodtype

WTX51200L



Exit left 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

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.

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.