

SPH505SL

Family	Professional dishwasher
Subfamily	Hoodtype dishwasher
Line	Ecoline
Basket dimensions	500x500 mm
Rinse pump	HTR system
Washing pump	Standard



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; Catering and Institutions; QSR
-----------	-------------------------------------------------------------------------------------------

Programs

Programs	3 automatic programs; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program specifications	Boiler 87°C / Tank 58°C - 1' 30"; Boiler 87°C / Tank 58°C - 2' 30"; Boiler 87°C / Tank 58°C - 4'
Maximum basket/hour	40
Maximum dishes/hour	720

Interface

Display	4 digit	Salt alert	Yes
Number of buttons	5	Manual diagnostic	Yes
On/Off button	Yes		

Construction

Tank Construction	Deep drawn Partial double skin	Hood elevation system	Manual
Tank material	Stainless steel AISI 304	Filter	5-stages filter system
Back panel	Prepainted	Tank capacity	14 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	Boiler capacity	10 l
Lower washing system	One washing and one split rinse spray arms, stainless steel	Protection class	IPX4
Tank filter	Stainless steel	Adjustable feet	Yes
Hood construction	Single wall	Drain max. height	1000 mm

Technical Features

Trays washing option	Yes	Max temperature inlet water	60°C
Trays number	7 x GN 1/1 (530 x 325 mm)	Max water hardness	54°f - 30°dH
Tank heating element power	2200 W	Inlet pressure	100-1000 kPa (min-max)
Boiler heating element power	9000 W	Detergent load	1,5 l/h
Washing pump power	700 W	Rinse load	0,4 l/h
Default connection	9700 W	Usable load height	470 mm
Water cycle consumption	3,2 l	Maximum height with open hood	2055 mm
Minimum water cycle consumption	3,2 l	Product dimensions WxDxH	634x750x1440 mm
Warm water connection	5°C		

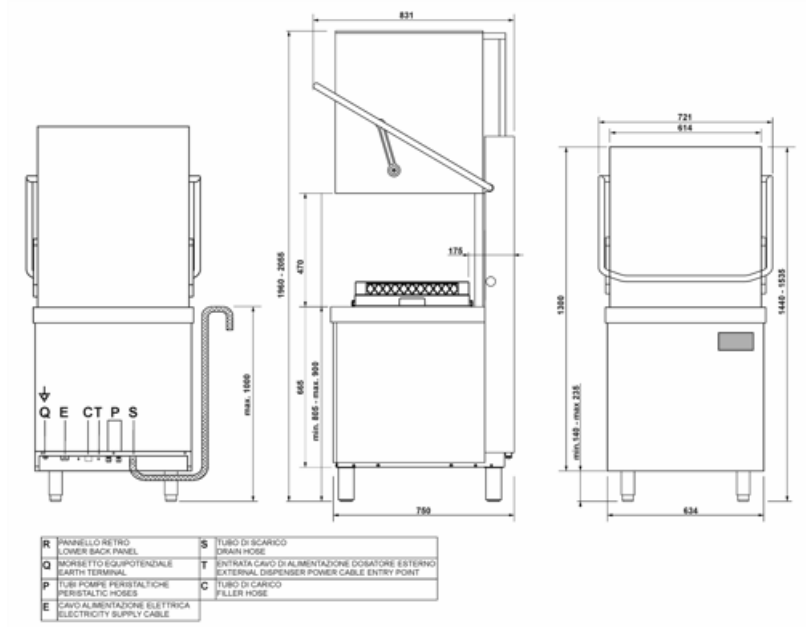
Electrical Connection

Plug	Not present	Optional electrical connection	230 V 3~ / 28 A / 9,7 kW / 50 Hz; 230 V~ / 16 A / 3,7 kW / 50 Hz; 230 V~ / 29 A / 6,7 kW / 50 Hz
Power connection	400 V 3N~ / 16 A / 9,7 kW / 50 Hz		

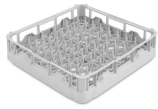
Equipments

Drain pump	Yes	Automatic start	Yes, default OFF
Peristaltic detergent doser	Electronic control	Cycle counter	Yes
Peristaltic rinse-aid doser	Electronic control	Break tank	Yes
Default chemicals dosing unit of measure	gr/lt	Partial renewal of water in the tank and built-in drain pump	Yes
Automatic built softener	Yes	Water supply pipe diameter	DN15 - ½"
Boiler thermostop	Yes - default		

Tank thermostop	Yes	Drain supply pipe diameter	DN20-G 3/4"
Soft Start system	Yes	Detergent (red) hose lenght	2,2m
Stand-by system	Yes	Rinse aid (blue) hose lenght	2,2m



Not included accessories



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 for 25 plastic glasses, dim.
(WxDxH) 500x500x260 mm



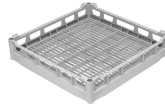
WH00S01

Wire insert for 12 small dishes



WT51200SHR

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



PB50G01

Universal flat bottom polypropylene
basket, dim. (WxDxH) 500x500x100
mm



PHOGR5

Glass insert for 500x500 mm basket



PHOOS02

6 compartments 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, backsplash (100mm)
and lower shelf, dim. (WxDxH)
1200x720x821, 5 mm



WT51200SL

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



WT51200SR

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



WT5700SL

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



WT5700SR

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



WTX51200

Exit table for both sides, with lower shelf, dim. (WxDxH) 1200x560x821, 5 mm



WTX51200L

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



WTX51200R

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



WTX5700

Exit table for both sides, with lower shelf, dim. (WxDxH) 700x560x821, 5 mm.



WTX5700L

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



WTX5700R

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

Symbols glossary



SUITABLE FOR GASTRONORM TRAY



HTR RINSING SYSTEM



MAX. USABLE HEIGHT 470mm



5 STAGE FILTER

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.

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 temperature of 85°C. 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 double-skin design of the Ecoline features dual insulation on the door, top, and rear panel, while the side panels have a single layer of insulation. This structure 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.

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.

Electronic interface

Control panel with electronic buttons

The electronic version features an intuitive interface with soft-touch buttons, allowing the selection of one of three washing programs based on the level of dirt: short, medium, or intense. Additionally, there are buttons for power on, automatic drain cycle initiation, and final self-cleaning. The display allows real-time monitoring of the temperature, cycle duration, and diagnostics, ensuring simple and immediate control.