

# SPH503L

Family	Professional dishwasher
Subfamily	Hoodtype dishwashers
Line	Ecoline
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; Food retail; Catering and Institutions; QSR
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## Programs

Programs	3 automatic programs; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program table	Electronic Ecoline hoodtype
Maximum basket/hour	40
Maximum dishes/hour	720
Maximum glasses/hour	1440

## Interface

Display	4 digit	Cycle progress alert	Yes
Number of buttons	5	End-cycle alert	Yes
On/Off button	Yes	Manual diagnostic	Yes

## Construction

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

## Technical Features

<b>Trays washing option</b>	Yes	<b>Max water hardness</b>	12°f - 7°dH
<b>Trays number</b>	7 x GN 1/1 (530 x 325 mm)	<b>Inlet pressure</b>	250-1000 kPa
<b>Water consumption per cycle</b>	3,2 l	<b>Detergent load</b>	1,5 l/h
<b>Wash temperature (min-max)</b>	58 °C	<b>Rinse load</b>	0,4 l/h
<b>Rinse temperature (min-max)</b>	87 °C	<b>Usable load height</b>	470 mm
<b>Minimum water consumption per cycle</b>	3,2 l	<b>Maximum height with open hood</b>	2055 mm
<b>Min. water connection temperature</b>	8°C	<b>Product dimensions WxDxH</b>	634x750x1440 mm
<b>Max. inlet temperature</b>	60°C		

## Electrical Connection

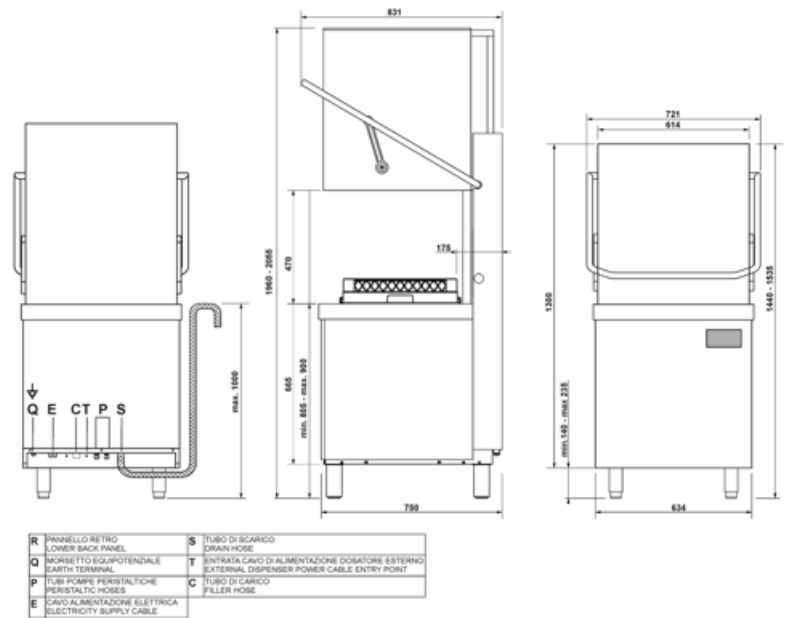
<b>Plug</b>	Not present	<b>Wash pump power</b>	700 W
<b>Tank heating element power</b>	2200 W	<b>Default connection</b>	9700 W
<b>Boiler heating element power</b>	9000 W	<b>Optional electrical connection</b>	230 V 3~ / 28 A / 9,7 kW / 50 Hz; 230 V~ / 16 A / 3,7 kW / 50 Hz; 230 V~ / 30 A / 6,7 kW / 50 Hz

## Equipments

<b>Drain pump</b>	Yes	<b>Option for auto daily switch on</b>	Yes, default OFF
<b>Peristaltic detergent dispenser</b>	Electronic control	<b>Cycle counter</b>	Yes
<b>Peristaltic rinse-aid dispenser</b>	Electronic control	<b>Partial renewal of water in the tank and built-in drain pump</b>	Yes
<b>Default chemicals dosing unit of measure</b>	gr/lt	<b>Water supply pipe diameter</b>	DN15 - ½"

Rinse boiler Thermostop system	Yes - default
Wash tank Thermostop system	Yes
Wash pump soft start system	Yes
Stand-by system	Yes

Drain supply pipe diameter	DN20-G 3/4"
Detergent (red) hose lenght	2,2m
Rinse aid (blue) hose lenght	2,2m



## Compatible Accessories



### KITSONLIV

Probe level kit for double wall models



### PB50G01

Universal polypropylene basket,  
500x500x100 mm



### PHO0GR5

Glass basket for 500x500 mm  
glasswashers



### PHOOS02

6 compartments polypropylene basket  
for cutlery



### WB50D01

Wire basket for 18 dishes 250 mm max.  
diameter or self service trays, 500X500  
mm



### WB50G02

Wire basket for 90 mm diameter max  
glasses with sloped bottom,  
500x500x170 mm



### WB50G04

Wire basket for glasses 135 mm  
diameter max, with sloped bottom,  
500x500x170 mm



### WB50T02

Wire basket for 7 trays GN1/1 h 20 mm,  
500x500 mm



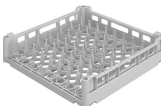
### WT51200SHL

Entry table left side with sink and  
scraping hole, backsplash (100mm),  
lower shelf, 1200x720x821,5



### PB50D01

Polypylene basket for 18 plates,  
500x500x105 mm



### PB50T01

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



### PHOOS01

Polypropylene single basket for  
cutlery



### PHOOS03

8 compartments polypropylene  
basket for cutlery suggested for  
hoodtype



### WB50G01

Universal wire basket with flat  
bottom, 500x500x123 mm



### WB50G03

Wire basket for 72 mm diameter  
glasses with inclined bottom,  
500x500x235 mm



### WB50PG5

Wire basket for no. 25 plastic glasses  
with flat bottom, 500x500x260 mm



### WH00S01

Wire insert for 12 small dishes



### WT51200SHR

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



#### WT51200SL

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



#### WT5700SL

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



#### WTX51200

Exit table for both sides, with lower shelf, 1200x560x821,5 mm



#### WTX51200R

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



#### WTX5700L

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



#### WT51200SR

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



#### WT5700SR

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



#### WTX51200L

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



#### WTX5700

Exit table for both sides, with lower shelf, 700x560x821,5 mm



#### WTX5700R

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

## Symbols glossary

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SUITABLE FOR GASTRONORM TRAY



5 STAGE FILTER



MAX. USABLE HEIGHT 470mm

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## Benefit (TT)

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### 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.

### 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.

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## 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.