

# SPH503

Family	Professional dishwasher
Subfamily	Hoodtype dishwashers
Basket dimensions	500x500 mm
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
Maximum basket/hour	40
Maximum dishes/hour	720

## 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>Filter</b>	5-stage filter system
<b>Construction</b>	Partial double-skin	<b>Tank capacity</b>	14 l
<b>Tank material</b>	Stainless steel AISI 304	<b>Boiler capacity</b>	9 l
<b>Back panel</b>	Prepainted	<b>Protection class</b>	IPX4
<b>Upper wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>Adjustable feet</b>	Yes
<b>Lower wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>Drain max. height</b>	1000 mm
<b>Tank filter</b>	Stainless steel		

## Technical Features

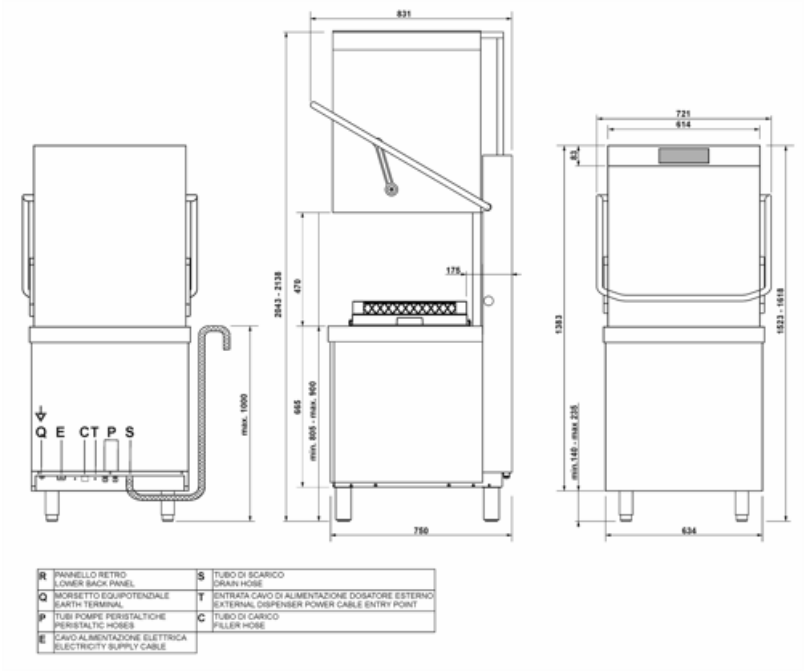
<b>Water consumption per cycle</b>	3,2 l	<b>Detergent load</b>	1,5 l/h
<b>Min. water connection temperature</b>	5°C	<b>Rinse load</b>	0,4 l/h
<b>Max. inlet temperature</b>	60°C	<b>Usable load height</b>	470 mm
<b>Max water hardness</b>	12°f - 7°dH	<b>Maximum height with open hood</b>	2132 mm
<b>Inlet pressure</b>	2,5-6 bar / 250-600 kPa	<b>Product dimensions WxDxH</b>	634x750x1518 mm

## Electrical Connection

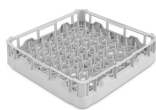
<b>Plug</b>	Not present	<b>Wash pump power</b>	700 W
<b>Tank heating element power</b>	2200 W	<b>Default connection</b>	9700 W
<b>Boiler heating element power</b>	9000 W	<b>Optional electrical connection</b>	230 V 3~ / 28 A / 9,7 kW / 50 Hz; 230 V~ / 16 A / 3,7 kW / 50 Hz; 230 V~ / 30 A / 6,7 kW / 50 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"
<b>Rinse boiler Thermostop system</b>	Yes - default	<b>Drain supply pipe diameter</b>	DN20-G 3/4"
<b>Wash pump soft start system</b>	Yes	<b>Detergent (red) hose lenght</b>	2,2m
<b>Stand-by system</b>	Yes	<b>Rinse aid (blue) hose lenght</b>	2,2m



## Compatible Accessories



### PB50D01

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



### PB50G01

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



### 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



### WT51200SHR

Entry table right 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



#### WT51200SR

Entry table right 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



#### 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



#### WT5700SL

Entry table left 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

## 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.

### 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.