

# SPH505H

Family	Professional dishwasher
Subfamily	Hoodtype dishwashers
Line	Ecoline
Basket dimensions	500x500 mm
Rinse pump	HTR system
Wash pump	Standard
SHR + system	Yes
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; 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	On/Off button	Yes
Number of buttons	5	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-stage 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>	10 l
<b>Upper wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>Protection class</b>	IPX4
<b>Lower wash system</b>	One wash 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>	100-1000 kPa (min-max)
<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>	2138 mm
<b>Min. water connection temperature</b>	5°C	<b>Product dimensions WxDxH</b>	634x750x1523 mm
<b>Max. inlet temperature</b>	20°C		

## Electrical Connection

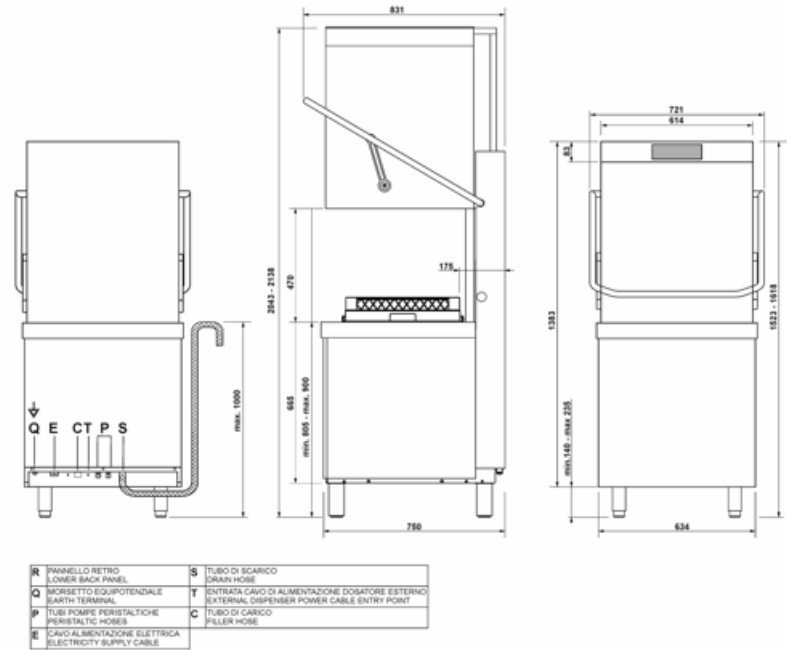
<b>Plug</b>	Not present	<b>Wash pump power</b>	700 W
<b>Tank heating element power</b>	2200 W	<b>Default connection</b>	9700 W
<b>Boiler heating element power</b>	9000 W	<b>Optional electrical connection</b>	230 V 3~ / 26 A / 9,7 kW / 50 Hz; 230 V~ / 16 A / 3,7 kW / 50 Hz; 230 V~ / 30 A / 6,7 kW / 50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

## Equipments

<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>Break tank</b>	Yes
<b>Default chemicals dosing unit of measure</b>	gr/lt	<b>Partial renewal of water in the tank and built-in drain pump</b>	Yes

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

Water supply pipe diameter	DN15 - ½"
Drain supply pipe diameter	DN20-G 3/4"
Detergent (red) hose lenght	2,2m
Rinse aid (blue) hose lenght	2,2m

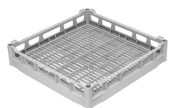


## Compatible Accessories



### KITSONLIV

Probe level kit



### PB50G01

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



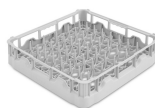
### WT51200SHL

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



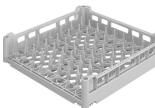
### WT51200SL

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

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SUITABLE FOR GASTRONORM TRAY



HTR RINSING SYSTEM



STEAM HEAT RECOVERY SYSTEM



MAX. USABLE HEIGHT 470mm



5 STAGE FILTER

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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.

### 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.

### SHR+ System

Steam heat recovery system for energy savings and improved work environment quality

Il sistema SHR+ elimina il 100% del vapore prodotto durante la fase di risciacquo, migliorando la qualità dell'aria e riducendo l'umidità negli ambienti di lavoro. Inoltre, recupera energia dai vapori abbattuti, assicurando un risparmio energetico giornaliero ed evitando i costi di un impianto di aspirazione esterno.

### 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.