

# SPH505HAU

Family	Dishwasher
Subfamily	Hoodtype dishwasher
Line	Ecoline
Basket dimensions	500x500 mm
Rinse pump	HTR system
Wash pump	Standard
SHR system	Yes



## Accessories Included

Dish basket	PB50D01	Water supply pipe	In acciaio Watermark
Cutlery basket	PHOOS02	Drain pipe	Yes - 2m
Flat basket	PB50G01		

## Distribution

Solutions	Bars/Cafes; Hotels; Restaurants/Catering; Schools; 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
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
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>	4-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>	10 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>Water inlet</b>	Cold 15°C
<b>Trays number</b>	7 x GN 1/1 (530 x 325 mm)	<b>Max. inlet temperature</b>	60°C
<b>Tank heating element power</b>	2200 W	<b>Max water hardness</b>	12°F - 7°dH
<b>Boiler heating element power</b>	9000 W	<b>Water inlet</b>	Cold 15°C
<b>Wash pump power</b>	700 W	<b>Detergent load</b>	Yes, manual
<b>Default connection</b>	9700 W	<b>Rinse load</b>	Yes, manual
<b>Water consumption per cycle</b>	3,2 l	<b>Usable load height</b>	470 mm
<b>Minimum water consumption per cycle</b>	3,2 l	<b>Product dimensions WxDxH</b>	634x750x1523 mm

## Electrical Connection

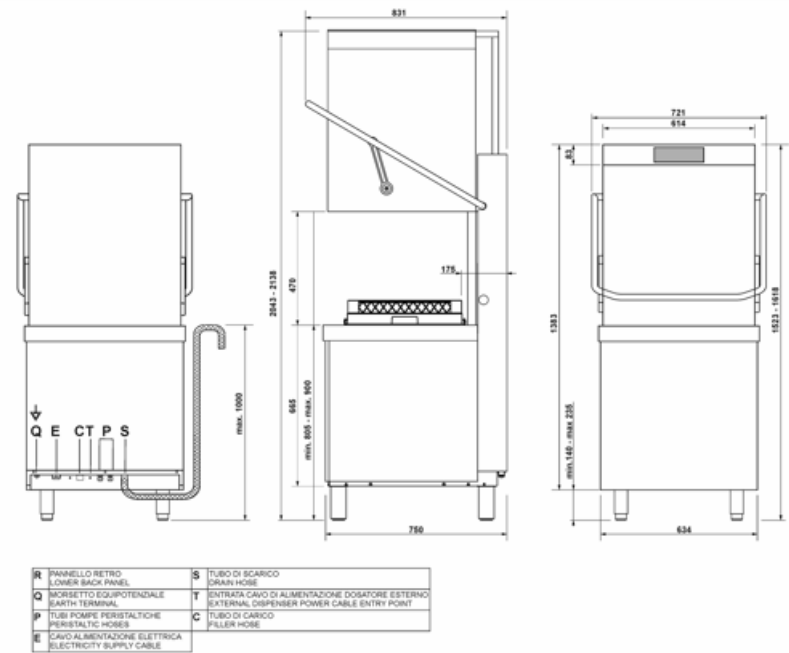
<b>Power connection</b>	400 V 3N~ / 16 A / 9,7 kW / 50 Hz	<b>Electrical connection option</b>	230 V 3~ / 26 A / 9,7 kW / 50 Hz; 230 V 3~ / 26 A / 9,7 kW; 230 V~ / 16 A / 3,7 kW / 50 Hz; 230 V~ / 16 A / 3,7 kW / 50 Hz; 230 V~ / 30 A / 6,7 kW / 50 Hz; 230 V~ / 30 A / 6,7 kW / 50 Hz
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## Equipments

<b>Drain pump</b>	Yes	<b>Option for auto daily switch on</b>	Yes, default OFF
<b>Peristaltic detergent dispenser</b>	Yes, electronic control	<b>Cycle counter</b>	Yes
<b>Peristaltic rinse-aid dispenser</b>	Yes, 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>	Si
<b>Rinse boiler Thermostop system</b>	Yes - default		

Wash tank Thermostop system	Yes
Wash pump soft start system	Yes
Stand-by system	Yes

Water supply pipe diameter	16 mm
Drain supply pipe diameter	21,5 mm
Peristaltic detergent doser	Yes, manual
Peristaltic detergent doser	Yes, manual



## Compatible Accessories



### KITSONLIV

Probe level kit



### PB50G01

Universal basket in polypropylene  
500x500



### PHOOS01

Single basket in polypropylene for  
cutlery



### PHOOS03

Basket in polypropylene with 6  
compartment for cutlery for Capote



### WB50G01

Universal wire basket with flat bottom  
500x500



### WB50G03

Wire basket for glasses with inclined  
bottom 500x500



### WB50PG5

Wire basket with flat bottom for 25  
plastic glasses, dim. (WxDxH)  
500x500x260 mm



### WH00S01

Wire insert for 12 small dishes



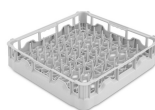
### WT51200SHR

Entry table right side 1200mm



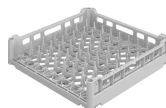
### WT51200SR

Entry table right side 1200mm



### PB50D01

Basket made of polypylene for 18  
plates 500x500



### PB50T01

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



### PHOOS02

Basket in polypropylene for cutlery  
with 6 compartments



### WB50D01

Wire basket for 18 dishes and trays  
500x500



### WB50G02

Wire basket for glasses with inclined  
bottom 500x500



### WB50G04

Wire basket for glasses with inclined  
bottom 500x500



### WB50T02

Wire basket for 5 trays 600x500



### WT51200SHL

Entry table left side 1200mm



### WT51200SL

Entry table left side 1200mm



### WT5700SL

Entry table left side 700mm

**WT5700SR**

Entry table right side 700mm

**WTX51200L**

Exit table lefts side 1200mm

**WTX5700**

Exit table both sides 700mm

**WTX5700R**

Exit table right side 700mm

**WTX51200**

Exit table both sides 1200mm

**WTX51200R**

Exit table right side 1200mm

**WTX5700L**

Exit table left side 700mm

## Symbols glossary

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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.

### 4-stage filtration system

Deep cleaning and spotless washes with the Patented 4-Stages Filtration System

The innovative Smeg filtration system consists of 4 stages to completely eliminate all impurities: the 1st stage captures larger food residues; in the 2nd stages, finer particles are captured at this filtration stage; the 3th 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.

### 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

SHR+ System: guaranteed savings and comfort

The SHR+ System eliminates 100% of the steam produced during the rinse phase, improving air quality and reducing humidity in work environments. Additionally, it recovers energy from the condensed steam, ensuring up to 25% energy savings and eliminating the costs associated with an external extraction system.

### 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.