

# SPH505SL

<b>Product Family</b>	Dishwasher
<b>Subfamily</b>	Hoodtype dishwasher
<b>Type</b>	Hoodtype
<b>Crockery</b>	Crockery; Glasses; Cutlery; GN1/1 trays
<b>Basket dimensions</b>	500x500 mm
<b>Rinse pump</b>	HTR system
<b>Wash pump</b>	Standard
<b>Default power supply</b>	400 V 3N~ / 16 A / 9,7 kW / 50 Hz



## Target

<b>Potential users</b>	Bars/Cafes; Hotels; Restaurants/Catering; Schools; QSR
------------------------	--

## Aesthetics

<b>Series</b>	Ecoline	<b>Led colour</b>	Red
---------------	---------	-------------------	-----

## Technical Features

<b>Trays washing option</b>	Yes	<b>Max water hardness</b>	54°f - 30°dH
<b>Trays number</b>	7 x GN 1/1 (530 x 325 mm)	<b>Water inlet pressure</b>	100-1000 kPa
<b>Water consumption per cycle</b>	3,2 l	<b>Detergent flow rate</b>	1.5 l/h
<b>Wash temperature (min-max)</b>	58 °C	<b>Rinse aid flow rate</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 hood open</b>	2055 mm
<b>Warm water connection</b>	8°C	<b>Dimensions</b>	634x750x1440 mm
<b>Max. inlet temperature</b>	60°C		

## Programmes

<b>Programs</b>	3 automatic programs; Self-cleaning programs
-----------------	--

<b>Program options</b>	Extra rinse; Clean water cycle
<b>Program table</b>	Electronic Ecoline hoodtype
<b>Maximum baskets/hour</b>	40
<b>Maximum plates/hour</b>	720
<b>Maximum glasses/hour</b>	1440

## Electrical Connection

<b>Tank heating element power</b>	2200 W	<b>Default connection</b>	9700 W
<b>Boiler heating element power</b>	9000 W	<b>Electrical connection options</b>	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
<b>Wash pump power</b>	700 W		

## Interface

<b>Display</b>	4 digit	<b>Salt light indicator</b>	Yes
<b>Number of buttons</b>	5	<b>Manual diagnostics</b>	Yes
<b>On/off indicator</b>	Yes		

## Construction

<b>Tank Construction</b>	Deep drawn Single-skin hood	<b>Filter</b>	5-stages filter system
<b>Tank material</b>	Stainless steel AISI 304	<b>Wash tank capacity</b>	14 l
<b>Back panel</b>	Galvanised	<b>Boiler capacity</b>	10 l
<b>Upper washing system</b>	One washing and one split rinse spray arms, stainless steel	<b>Noise level</b>	Lpa 63,1 dBA
<b>Lower washing system</b>	One washing and one split rinse spray arms, stainless steel	<b>Protection class</b>	IPX4
<b>Tank filter</b>	Stainless steel	<b>Adjustable feet</b>	Yes
<b>Hood elevation system</b>	Manual	<b>Drain max. height</b>	1000 mm

## Accessories Included

<b>Plate basket</b>	PB50D01	<b>Water supply pipe</b>	Yes - 2m
<b>Cutlery basket</b>	PHOOS02	<b>Drain pipe</b>	Yes - 2m
<b>Flat basket</b>	PB50G02		

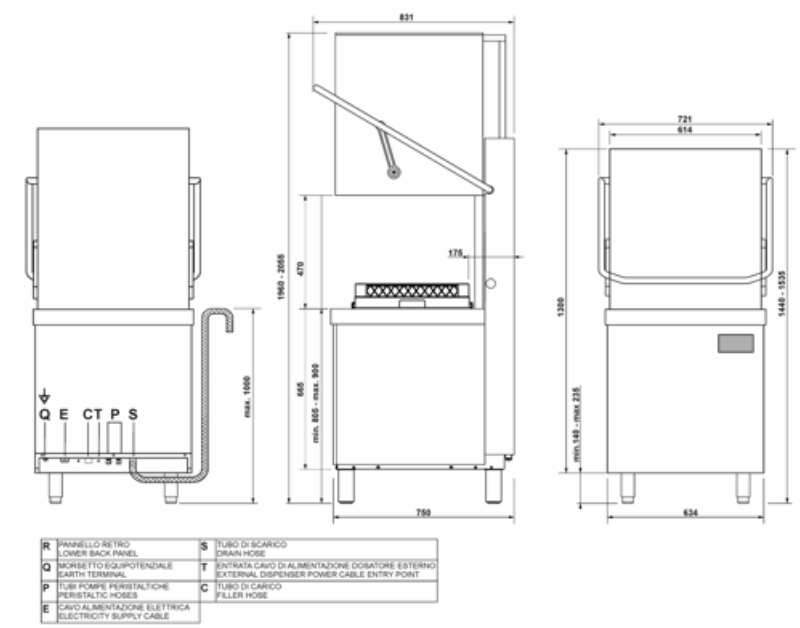
## Equipment

<b>Drain pump</b>	Yes	<b>Option for auto daily switch on</b>	Yes
<b>Peristaltic detergent dispenser</b>	Yes, electronic control	<b>Cycle counter</b>	Yes
		<b>Break tank</b>	Yes

Peristaltic rinse-aid dispenser	Yes, electronic control	Partial water exchange in the wash tank via built-in drain pump	Yes
Chemical dosing	gr/lt	Water supply pipe diameter	16 mm
Integral continuous water softener	Yes	Drain supply pipe diameter	21.5 mm
Rinse boiler Thermostop system	Yes - default	Detergent (red) hose length	Yes, manual
Wash tank Thermostop system	Yes	Rinse aid (blue) hose length	Yes, manual
Wash pump soft start system	Yes		
Stand-by system	Yes		

## Logistic Information

Packed width	700 mm	Dimensions of the packed product (mm)	1700X700X900
Packaged depth	900 mm	Net weight (kg)	108,000 kg
Height (mm) packed	1700 mm	Gross weight (kg)	124,000



## Compatible Accessories



### KITSONLIV

Probe level kit



### PB50G01

Universal basket in polypropylene  
500x500



### PHOGR5

Glass basket for 500x500 mm  
glasswashers



### 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



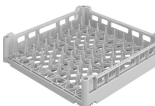
### WT51200SHL

Entry table left side 1200mm



### PB50D01

Basket made of polypylene for 18  
plates 500x500



### PB50T01

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



### 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



**WT51200SL**

Entry table left side 1200mm



**WT51200SR**

Entry table right side 1200mm



**WT5700SL**

Entry table left side 700mm



**WT5700SR**

Entry table right side 700mm



**WTX51200**

Exit table both sides 1200mm



**WTX51200L**

Exit table left side 1200mm



**WTX51200R**

Exit table right side 1200mm



**WTX5700**

Exit table both sides 700mm



**WTX5700L**

Exit table left side 700mm



**WTX5700R**

Exit table right side 700mm

## Symbols glossary

---



Suitable for 1/1GN trays



HTR rinsing system



5 STAGE FILTER



MAX. USABLE HEIGHT 470mm

---

## Benefit

---

### 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.

### 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.

## **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.