

SPH505SH

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|--|---|
| Family | Professional dishwasher |
| Subfamily | Hoodtype |
| Type | Hoodtype dishwashers |
| Crockery | Crockery; Glasses; Cutlery; GN1/1 trays |
| Basket dimensions | 500x500 mm |
| Control panel | Electronic |
| Rinse pump | HTR system |
| Wash pump | Standard |
| SHR + steam heat recovery | Yes |
| Power connection | 400 V 3N~ / 16 A / 9,7 kW / 50 Hz |
| Product dimensions (WxDxH) | 634x750x1523 mm |
| Partial renewal of water in the tank and built-in drain pump | Yes |



Target

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|------------|--|
| Industries | Bar / Cafeterias / Bistros / Wine bars / Pubs; Hotels; Restaurants; Bakeries / Pastry shops; Food Industries; Care facilities ; Grocery shops / Food retail; Catering; Commercial food services; Butcher shops / Delicatessens |
|------------|--|

Aesthetics

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|-----------|-----|--------|---------|
| Led color | Red | Series | Ecoline |
|-----------|-----|--------|---------|

Technical Features

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|-------------------------------------|-----------|-------------------------------|------------------------|
| Trays number | 7 x GN1/1 | Max. inlet temperature | 20°C |
| Trays washing option | Yes | Max water hardness | 60°f - 34°dH |
| Water consumption per cycle | 3,2 l | Inlet pressure | 100-1000 kPa (min-max) |
| Wash temperature (min-max) | 58 °C | Detergent load | 1,5 l/h |
| Rinse temperature (min-max) | 87 °C | Rinse load | 0,4 l/h |
| Min. water connection temperature | 5°C | Usable load height | 470 mm |
| Minimum water consumption per cycle | 3,2 l | Maximum height with open hood | 2138 mm |

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 |

Electrical Connection

| | | | |
|-------------------------------------|--------|---------------------------------------|---|
| Tank heating element power | 2200 W | Default connection | 9700 W |
| Boiler heating element power | 9000 W | Optional electrical connection | 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 |
| Wash pump power | 700 W | Plug | Not present |

Interface

| | | | |
|--------------------------|---------|--------------------------|-----|
| Display | 4 digit | Salt alert | Yes |
| Number of buttons | 5 | Manual diagnostic | Yes |
| On/Off button | Yes | | |

Construction

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|------------------------------|--|--------------------------|-----------------------|
| Tank Construction | Deep drawn Single-skin hood | Filter | 5-stage filter system |
| Tank material | Stainless steel AISI 304 | Tank capacity | 14 l |
| Back panel | Prepainted | Boiler capacity | 10 l |
| Upper wash system | One wash and one split rinse spray arms, stainless steel | Boiler type | Atmosferic boiler |
| Lower wash system | One wash and one split rinse spray arms, stainless steel | Protection class | IPX4 |
| Tank filter | Stainless steel | Adjustable feet | Yes |
| Hood elevation system | Manual | Drain max. height | 1000 mm |

Accessories included

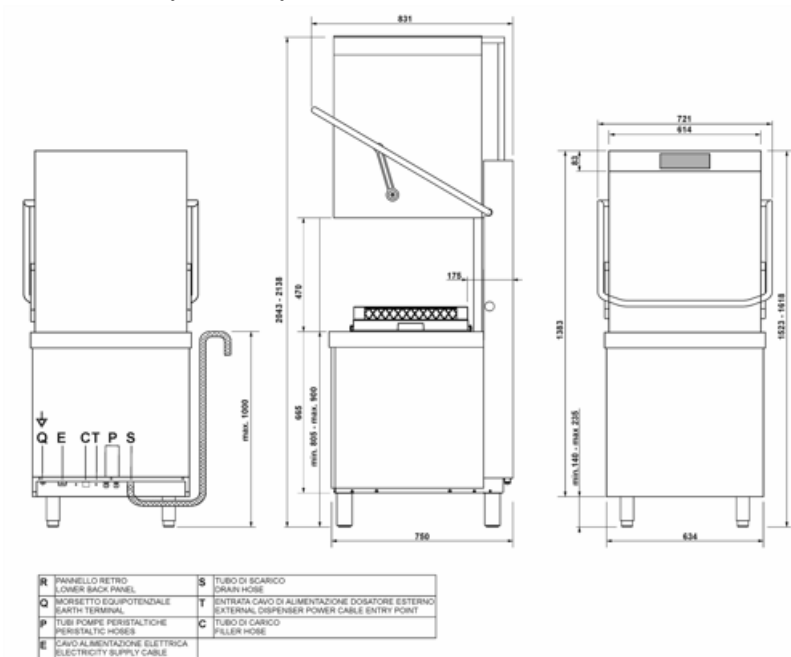
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|-----------------------|------------|--------------------------|-----------|
| Dish basket | 1x PB50D01 | Water supply hose | Yes - 2 m |
| Cutlery basket | 1x PHOOS04 | Drain hose | Yes - 2m |
| Flat basket | 1x PB50G02 | | |

Equipments

| | | | |
|--|--------------------|---------------------------------|------------------|
| Peristaltic detergent dispenser | Electronic control | Option for auto daily switch on | Yes, default OFF |
| Peristaltic rinse-aid dispenser | Electronic control | Cycle counter | Yes |
| Default chemicals dosing unit of measure | gr/lt | Break tank | Yes |
| Automatic built softener | Yes | Water supply pipe diameter | DN15 - ½" |
| Rinse boiler Thermostop system | Yes - default | Drain supply pipe diameter | DN20-G 3/4" |
| Wash tank Thermostop system | Yes | Detergent (red) hose length | 2,2 m |
| Wash pump soft start system | Yes | Rinse aid (blue) hose length | 2,2 m |
| Stand-by system | Yes | | |

Logistic Information

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|-----------------------------------|-----------------|--------------|------------|
| EAN code | 8017709340919 | Net weight | 137,000 kg |
| Packed product dimensions (WxDxH) | 1700x770x900 mm | Gross weight | 156,000 kg |

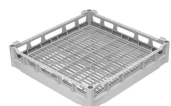


Compatible Accessories



KITSONLIV

Probe level kit



PB50G01

Universal flat bottom polypropylene basket, internal height 73 mm, dim. (WxDxH) 500x500x100 mm



PHOGR5

Tilted glass insert for basket PB50G02 500x500 mm, configurable with 4 units of 5 glasses each (first line Ø max 110 mm, lines 2-4 Ø max 95 mm), or 5 units of 5 glasses each (first line Ø max 95 mm, lines 2-5 Ø max 75 mm)



PHOOS03

8 compartments polypropylene basket for cutlery



WB50D01

Wire basket for 18 dishes Ø250 mm max or trays h 370 mm, dim. (WxDxH) 500x500x92 mm



WB50G02

Wire basket with sloped bottom for 25 glasses Ø90 mm max, dim. (WxDxH) 500x500x170 mm



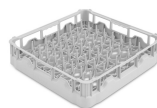
WB50G04

Wire basket with sloped bottom for 12 glasses Ø110 mm max, dim. (WxDxH) 500x500x165 mm



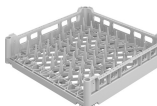
WB50T02

Wire basket for 7 trays GN1/1 h 20 mm, dim. (WxD) 500x500 mm



PB50D01

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



PB50T01

Polypropylene basket for 8 trays GN 1/1 h 40 mm for traywasher and hood-type models. Vertical row spacing 68 mm and horizontal row spacing 54 mm, dim. (WxDxH) 500x500x105 mm



PHOOS01

Polypropylene single basket for cutlery



PHOOS04

4 compartments polypropylene basket for cutlery



WB50G01

Universal wire basket with flat bottom, internal height 120 mm, dim. (WxDxH) 500x500x130 mm



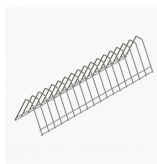
WB50G03

Wire basket with sloped bottom for glasses Ø72 mm max, dim. (WxDxH) 500x500x235 mm



WB50PG5

Wire basket with flat bottom for 25 plastic glasses, max. H 230 mm, min.-max. Ø 36-95 mm, dim. (WxDxH) 500x500x260 mm



WH00S01

Wire insert for 17 small dishes, width 100 mm, for flat bottom baskets 500x500 and 600x500 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



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



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



WTC5R

Right side closure kit for Hoodtype



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



WTX6700F

Universal table for either side, with front coupling and lower shelf, dim. (WxDxH) 705x660x821,5 mm

Benefit (TT)

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.

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 rinsing temperature according to the program setting. 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

The SHR+ system eliminates the steam produced during the rinsing phase, improving air quality and reducing humidity in work environments. In addition, it recovers energy from the condensed vapors, ensuring daily energy savings and avoiding the costs of 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.

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.