

SPH505SL

| | |
|-------------------|---|
| Family | Professional dishwasher |
| Subfamily | Hoodtype dishwashers |
| Type | Hoodtype |
| Crockery | Crockery; Glasses; Cutlery; GN1/1 trays |
| Basket dimensions | 500x500 mm |
| Rinse pump | HTR system |
| Wash pump | Standard |
| Power connection | 400 V 3N~ / 16 A / 9,7 kW / 50 Hz |



Target

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

Aesthetics

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

Technical Features

| | | | |
|-------------------------------------|---------------------------|-------------------------------|------------------------|
| Trays washing option | Yes | Max water hardness | 54°f - 30°dH |
| Trays number | 7 x GN 1/1 (530 x 325 mm) | Inlet pressure | 100-1000 kPa (min-max) |
| Water consumption per cycle | 3,2 l | Detergent load | 1,5 l/h |
| Wash temperature (min-max) | 58 °C | Rinse load | 0,4 l/h |
| Rinse temperature (min-max) | 87 °C | Usable load height | 470 mm |
| Minimum water consumption per cycle | 3,2 l | Maximum height with open hood | 2055 mm |
| Min. water connection temperature | 5°C | Product dimensions WxDxH | 634x750x1440 mm |

Max. inlet temperature 60°C

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

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

Interface

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

Construction

| | | | |
|-----------------------|--|-------------------|-----------------------|
| Tank | Deep drawn | Filter | 5-stage filter system |
| Construction | Single-skin hood | Tank capacity | 14 l |
| Tank material | Stainless steel AISI 304 | Boiler capacity | 10 l |
| Back panel | Prepainted | Boiler type | Artmosferic boiler |
| Upper wash system | One wash and one split rinse spray arms, stainless steel | Noise | Lpa 63,1 dBA |
| 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

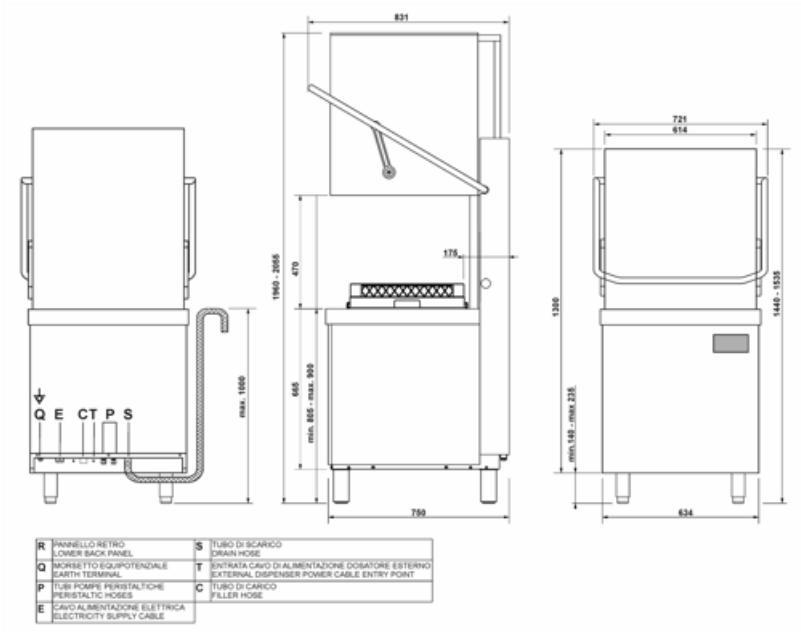
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|----------------|------------|-------------------|----------|
| Dish basket | 1x PB50D01 | Water supply hose | Yes - 2m |
| Cutlery basket | 1x PHOOS02 | Drain hose | Yes - 2m |
| Flat basket | 1x PB50G02 | | |

Equipments

| | | | |
|--|--------------------|--|------------------|
| Drain pump | Yes | Option for auto daily switch on | Yes, default OFF |
| Peristaltic detergent dispenser | Electronic control | Cycle counter | Yes |
| Peristaltic rinse-aid dispenser | Electronic control | Break tank | Yes |
| Default chemicals dosing unit of measure | gr/lt | Partial renewal of water in the tank and built-in drain pump | Yes |
| Automatic built softener | Yes | Water supply pipe diameter | DN15 - ½" |
| Rinse boiler Thermostop system | Yes - default | Drain supply pipe diameter | DN20-G ¾" |
| Wash tank Thermostop system | Yes | Detergent (red) hose lenght | 2,2m |
| Wash pump soft start system | Yes | Rinse aid (blue) hose lenght | 2,2m |
| Stand-by system | Yes | | |

Logistic Information

| | | | |
|-----------------------|---------|---------------------------|--------------|
| Width packed product | 700 mm | Packed product dimensions | 1700X700X900 |
| Depth packed product | 900 mm | Net weight | 108,000 kg |
| Height packed product | 1700 mm | Gross weight (kg) | 124,000 |



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



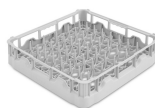
WT51200SHL

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



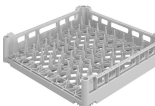
WT51200SL

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



SUITABLE FOR GASTRONORM TRAY



HTR RINSING SYSTEM



5 STAGE FILTER



MAX. USABLE HEIGHT 470mm

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.

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.