

SPH505

Professional dishwasher Family Hoodtype dishwashers Type

Basket dimensions 500x500 mm Control panel Electronic Rinse pump HTR system Wash pump Standard

Power connection 400 V 3N~ / 16 A / 9,7 kW / 50 Hz



Target

Bar / Cafeterias / Bistros / **Industries**

> Wine bars / Pubs: Hotels: Ristoranti / Catering; Catering; Food retail; QSR

Aesthetics

Ecoline Led color Series Red

Technical Features

Water consumption per 3,21

cycle

Minimum water consumption per cycle

Min. water connection

temperature

Max. inlet temperature

Max water hardness Inlet pressure

3,2 I

8°C

60°C

12°f - 7°dH 100-1000 kPa Detergent load

Rinse load Usable load height Maximum height with

open hood

Product dimensions

WxDxH

1.5 l/h

0.4 l/h 470 mm 2138 mm

634x750x1523 mm

Programs

SMEG SPA

3 automatic programs; Self-cleaning programs **Programs**

40

Program options Extra rinse; Clean water cycle

Maximum basket/hour

2025/11/04



Maximum dishes/hour 720 Maximum glasses/hour 1440

Electrical Connection

Tank heating element

power

Boiler heating element

power

Wash pump power

2200 W

9000 W

700 W

Default connection

Optional electrical

connection

9700 W

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 Number of buttons 5 On/Off button Yes

Cycle progress alert End-cycle alert Manual diagnostic

Yes Yes Yes

Construction

Tank Deep drawn

Construction Partial double wall Stainless steel AISI 304

Tank material

Back panel Prepainted

Upper washing system One washing and one split

rinse spray arms, stainless

Lower washing system One washing and one split

rinse spray arms, stainless

steel

Tank filter Stainless steel Hood elevation system

Filter

Tank capacity **Boiler** capacity **Protection class** Adjustable feet

Drain max. height

Manual

5-stages filter system

14 I 10 I IPX4 Yes

1000 mm

Accessories Included

Dish basket 1x PB50D01 **Cutlery basket** 1x PHOOS02 Flat basket 1x PB50G02

Water supply hose

Drain hose

Yes - 2m

Yes - 2m

Equipments

Drain pump

dispenser

dispenser

Yes

gr/lt

Electronic control

Electronic control

Option for auto daily

switch on

Cycle counter

Yes, default OFF

Yes Break tank Yes Partial renewal of water Yes

in the tank and built-in

drain pump Water supply pipe

diameter

DN15 - 1/2"

dosing unit of measure

Peristaltic detergent

Peristaltic rinse-aid

Deafult chemicals

Rinse boiler Thermostop Yes - default

system



Wash tank Thermostop Yes Drain supply pipe DN20-G 3/4" system diameter

Wash pump soft start Yes Detergent (red) hose 2,2m

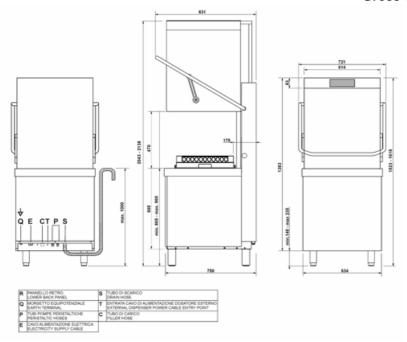
system lenght

Stand-by system Yes Rinse aid (blue) hose 2,2m lenght

Logistic Information

Width packed product 700 mm Packed product 1700x700x900 mm Depth packed product 900 mm

Height packed product 1700 mm Net weight 118.000 kg Gross weight (kg) 137.000 kg





Compatible Accessories



PB50D01

Polypylene basket for 18 plates, 500x500x105 mm



PHOOS01

Polypropylene single basket for cutlery



PB50G01

Universal polypropylene basket, 500x500x100 mm



PHOOS02

6 compartments polypropylene basket for cutlery



PHOOS03

8 compartments polypropylene basket for cutlery suggested for hoodtype



WB50D01

Wire basket for 18 dishes 250 mm max. diameter or self service trays, 500X500 mm



WB50G01

Universal wire basket with flat bottom, 500x500x123 mm



WB50G02

Wire basket for 90 mm diameter max glasses with sloped bottom, 500x500x170 mm



WB50G03

Wire basket for 72 mm diameter glasses with inclined bottom, 500x500x235 mm



WB50G04

Wire basket for glasses 135 mm diameter max, with sloped bottom, 500x500x170 mm



WB50PG5

Wire basket for no. 25 plastic glasses with flat bottom, 500x500x260 mm



WB50T02

Wire basket for 7 trays GN1/1 h 20 mm, 500x500 mm



Wire insert for 12 small dishes



Symbols glossary



SUITABLE FOR GASTRONORM TRAY



HTR RINSING SYSTEM



MAX. USABLE HEIGHT 470mm



5 STAGE FILTER



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.

Partial double skin

Optimised thermal and acoustic insulation

The double-skin design of the Ecoline features dual insulation on the door, top, and rear panel, while the side panels have a single layer of insulation. This structure optimises energy efficiency by minimising heat loss. Additionally, it provides effective acoustic insulation, helping to reduce noise levels and ensuring 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.