

SPH505L

Product Family Dishwasher Subfamily Hoodtype

Type Hoodtype dishwasher

Crockery; Glasses; Cutlery; GN1/1

trays

Basket dimensions500x500 mmControl PanelElectronicRinse pumpHTR systemWash pumpStandard

Default power supply $400 \vee 3N \sim / 16 \text{ A} / 9.7 \text{ kW} / 50 \text{ Hz}$



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 colour Red

Technical Features

Trays washing option Yes

Trays number 7 x GN 1/1 (530 x 325 mm)

Water consumption per 3,2 l

cycle

Wash temperature 58 °C

(min-max)

Rinse temperature (min- 87 °C

Kilise

max)

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Minimum water 3,2 l

consumption per cycle

Warm water connection 8°C

Max water hardness

Water inlet pressure Detergent flow rate Rinse aid flow rate

Usable load height Maximum height with

hood open Dimensions 12°f - 7°dH

100-1000 kPa 1.5 l/h

0.4 l/h 470 mm 2055 mm

634x831x1440 mm



Max. inlet temperature 60°C

Programmes

Programs 3 automatic programs; Self-cleaning programs

Program optionsExtra rinse; Clean water cycleProgram tableElectronic Ecoline hoodtype

Maximum baskets/hour40Maximum plates/hour720Maximum glasses/hour1440

Electrical Connection

Tank heating element 2200 W Default connection 9700 W

power Electrical connection 230 V 3~/28 A / 9.7 kW /

Boiler heating element 9000 W options 50 Hz; $230 \text{ V} \sim / 16 \text{ A} / 3.7$

power $kW / 50 \ Hz \ ; 230 \ V \sim / 29 \ A / \\ 6,7 \ kW / 50 \ Hz$

Interface

Display4 digitCycle progress indicatorYesNumber of buttons5End of cycle indicatorYesOn/off indicatorYesManual diagnosticsYes

Construction

TankDeep drawnFilter5-stages filter system

ConstructionSingle-skin hoodWash tank capacity14 |Tank materialStainless steel AISI 304Boiler capacity10 |

Tank materialStainless steel AISI 304Boiler capacity10 IBack panelGalvanisedBoiler typeArtmo

Back panelGalvanisedBoiler typeArtmosferic boilerUpper washing systemOne washing and one splitNoise levelLpa 63,1 dBA

rinse spray arms, stainless Protection class IPX4

Lower washing system One washing and one split One max. height 1000 mm

rinse spray arms, stainless
steel

Tank filter Stainless steel

Hood elevation system Manual

Accessories Included

Plate basketPB50D01Water supply pipeYes - 2mCutlery basketPH00S02Drain pipeYes - 2m

Flat basket PB50G02

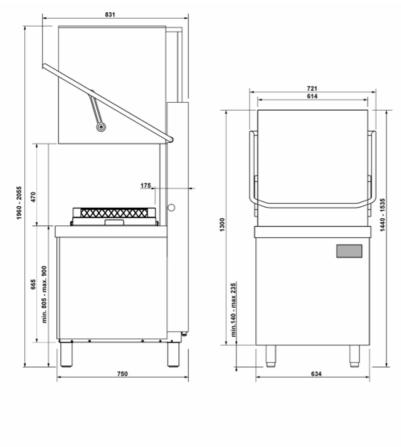


Equipment

Drain pump	Yes	Option for auto daily	Yes
Peristaltic detergent	Yes, electronic control	switch on	
dispenser		Cycle counter	Yes
Peristaltic rinse-aid	Yes, electronic control	Break tank	Yes
dispenser		Partial water exchange	Yes
Chemical dosing	gr/lt	in the wash tank via	
Rinse boiler Thermostop	Yes - default	built-in drain pump	
system		Water supply pipe	16 mm
Wash tank Thermostop	Yes	diameter	
system		Drain supply pipe	21.5 mm
Wash pump soft start	Yes	diameter	
system		Detergent (red) hose	Yes, manual
Stand-by system	Yes	length	
		Rinse aid (blue) hose length	Yes, manual

Logistic Information

Packed width	700 mm	Dimensions of the	1700x700x900 mm
Packaged depth	900 mm	packed product (mm)	
Height (mm) packed	1700 mm	Net weight (kg)	102,000 kg
3 . , ,		Gross weight (kg)	121,000 kg





Compatible Accessories

KITSONLIV

Probe level kit



PB50G01

Universal basket in polypropylene 500x500



PHOOGR5

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



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







WT51200SHL

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



WT51200SHR

Entry table right 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



WT51200SR

Entry table right 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



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



Symbols glossary

GN1/1

Suitable for 1/1GN trays



HTR rinsing system



MAX. USABLE HEIGHT 470mm



5 STAGE FILTER



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.

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.