SPH503L

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

Target

Solutions	Coffee shops/Wine bars; Hotels; Restaurants/Pubs; Food retail; Catering and Institutions; QSR

Aesthetics

Series	Ecoline	**Led color**	Red

Technical Features

Trays washing option	Yes	**Max water hardness**	12°f - 7°dH
Trays number	7 x GN 1/1 (530 x 325 mm)	**Inlet pressure**	250-1000 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
		Usable load height	470 mm
Rinse temperature (min-max)	87 °C	**Maximum height with open hood**	2055 mm
Minimum water consumption per cycle	3,2 l	**Product dimensions WxDxH**	634x750x1440 mm
Min. water connection temperature	5°C		
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~ / 30 A / 6,7 kW / 50 Hz

Interface

Display	4 digit	**Cycle progress alert**	Yes
Number of buttons	5	**End-cycle alert**	Yes
On/Off button	Yes	**Manual diagnostic**	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**	8 l
Back panel	Prepainted	**Noise**	Lpa 63,1 dBA
Upper wash system	One wash and one split rinse spray arms, stainless steel	**Protection class**	IPX4
		Adjustable feet	Yes
Lower wash system	One wash and one split rinse spray arms, stainless steel	**Drain max. height**	1000 mm
Tank filter	Stainless steel		
Hood elevation system	Manual		

Accessories included

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		

Peristaltic rinse-aid dispenser	Electronic control	Cycle counter	Yes
Deafult chemicals dosing unit of measure	gr/lt	Partial renewal of water in the tank and built-in drain pump	Yes
Rinse boiler Thermostop system	Yes - default	Water supply pipe diameter	DN15 - ½"
Wash tank Thermostop system	Yes	Drain supply pipe diameter	DN20-G 3/4"
Wash pump soft start system	Yes	Detergent (red) hose lenght	2,2m
Stand-by system	Yes	Rinse aid (blue) hose lenght	2,2m

Logistic Information

Width packed product	700 mm	Packed product dimensions	1700X700X900
Depth packed product	900 mm		
Height packed product	1700 mm	Net weight	98,000 kg
		Gross weight (kg)	117,000
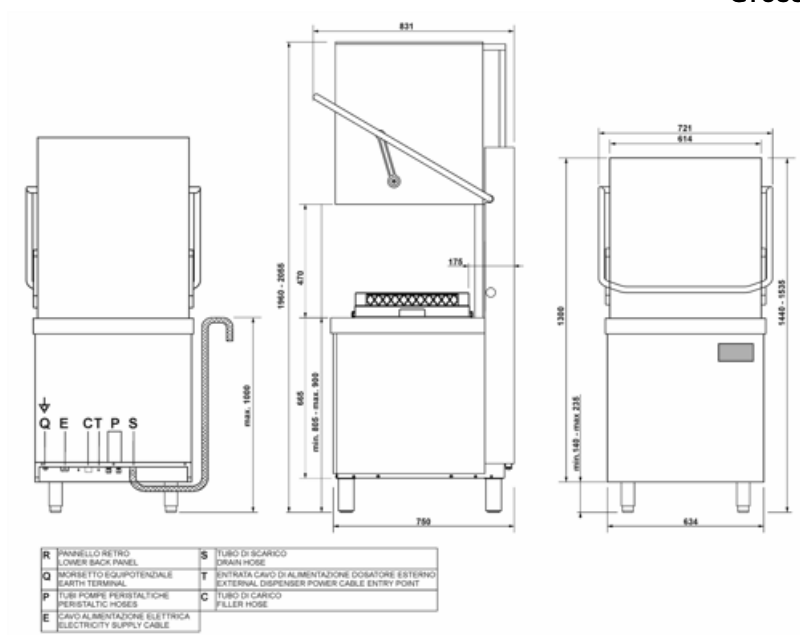
Compatible Accessories

KITSONLIV

Probe level kit

PB50D01

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

PB50G01

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

PB50T01

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

PHOOGR5

Glass insert for 500x500 mm basket

PHOOS01

Polypropylene single basket for
cutlery

PHOOS02

6 compartment polypropylene basket for
cutlery

PHOOS03

8 compartments polypropylene
basket for cutlery

WB50D01

Wire basket for 18 dishes Ø250 mm. or
self service trays, dim. (WxDxH)
500X500x92 mm

WB50G01

Universal wire basket with flat
bottom, dim. (WxDxH) 500x500x123
mm

WB50G02

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

WB50G03

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

WB50G04

Wire basket with sloped bottom for
glasses Ø135 mm max, dim. (WxDxH)
500x500x165 mm

WB50PG5

Wire basket with flat bottom for 25
plastic glasses, dim. (WxDxH)
500x500x260 mm

WB50T02

Wire basket for 7 trays GN1/1 h 20 mm
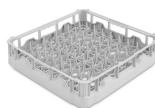
WH00S01

Wire insert for 12 small dishes

WT51200SHL

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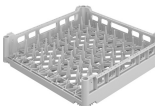lower shelf, dim. (WxDxH)
1200x720x821, 5 mm

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

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

GN1/1	SUITABLE FOR GASTRONORM TRAY		5 STAGE FILTER
440mm	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.

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.