SPD512

Family	Professional dishwasher
Subfamily	Undercounter dishwashers
Type	Undercounter
Double basket	Yes
Crockery	Crockery; Glasses; Cutlery; GN1/1 trays
Basket dimensions	500x500 mm
Control panel	Electronic
Rinse pump	HTR system
Wash pump	Standard
Power connection	400 V 3N~ / 12 A / 7,3 kW / 50 Hz

Target

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

Aesthetics

Series	Easyline	**Led color**	Green

Technical Features

Trays washing option	Yes	**Inlet pressure**	1-6 bar / 100-600 kPa
Trays number	7 x GN 1/1 (530 x 325 mm)	**Detergent load**	1,5 l/h
Water consumption per cycle	3,2 l	**Rinse load**	0,4 l/h
Wash temperature (min-max)	60 °C	**Usable load height**	400 mm
		Depth with open door	1020 mm
Rinse temperature (min-max)	71 °C - 85 °C	**Configuration 1: maximum height for glasses lower basket/ Ø dishes upper basket**	110 mm/225 mm
Minimum water consumption per cycle	3,2 l		
Min. water connection temperature	5°C	**Configuration 2: max H glasses lower basket /max Ø dishes upper basket**	190 mm/145 mm
Max. inlet temperature	60°C		
Max water hardness	12°f - 7°dH	**Product dimensions WxDxH**	600x600x822 mm

Programs

Programs	6 automatic programs; 1 fully customizable program; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program table	Easyline dishwasher and traywasher 500
Maximum basket/hour	120
Maximum dishes/hour	1620
Maximum glasses/hour	2160

Electrical Connection

Plug	Not present	**Wash pump power**	700 W
Tank heating element power	2000 W	**Default connection**	7300 W
Boiler heating element power	6100 W	**Optional electrical connection**	230 V 3~ / 19 A / 7,3 kW / 50 Hz; 230 V 3~ / 19 A / 6,8 kW / 50 Hz ; 230 V~ / 15 A / 3,4 kW / 50 Hz; 230 V~ / 17 A / 3.9 kW / 50 Hz; 230 V~ / 20 A / 4,5 kW / 50 Hz ; 230 V~ / 22 A / 5,0 kW / 50 Hz; 400 V 3N~ / 12 A / 6,8 kW / 50 Hz

Interface

Display	8 digit	**Cycle progress alert**	Yes
On/Off button	Yes	**End-cycle alert**	Yes
Rinse aid missing alert	Yes	**Manual diagnostic**	Yes
Detergent missing alert	Yes		

Construction

Tank	Deep drawn	**Rack guides**	Embossed low, telescopic up
Construction	Integral double-skin	**Filter**	5-stage filter system
Tank material	Stainless steel AISI 304	**Tank capacity**	11 l
Back panel	Galvanized	**Boiler capacity**	6,5 l
Balanced door	Yes	**Boiler type**	Artmosferic boiler
Upper wash system	One wash and one split rinse spray arms, stainless steel	**Noise**	Lpa 54,5 dBA
		Protection class	IPX4
Lower wash system	One wash and one split rinse spray arms, stainless steel	**Adjustable feet**	Yes
		Drain max. height	600 mm
Tank filter	Stainless steel		
Door gasket	On 3 sides		

Accessories included

Dish basket	1x PB50D01	Water supply hose	Yes - 2m
Cutlery basket	2x PHOOS01	Drain hose	Yes - 2m
Flat basket	1x PB50G01		

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
Chemicals level probe	Yes, with optional kit KITSONLIV	Partial renewal of water in the tank and built-in drain pump	Yes
Deafult chemicals dosing unit of measure	gr/lt	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 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	660 mm	Packed product dimensions	990X660X700
Depth packed product	700 mm	Net weight	61,000 kg
Height packed product	990 mm	Gross weight (kg)	69,000
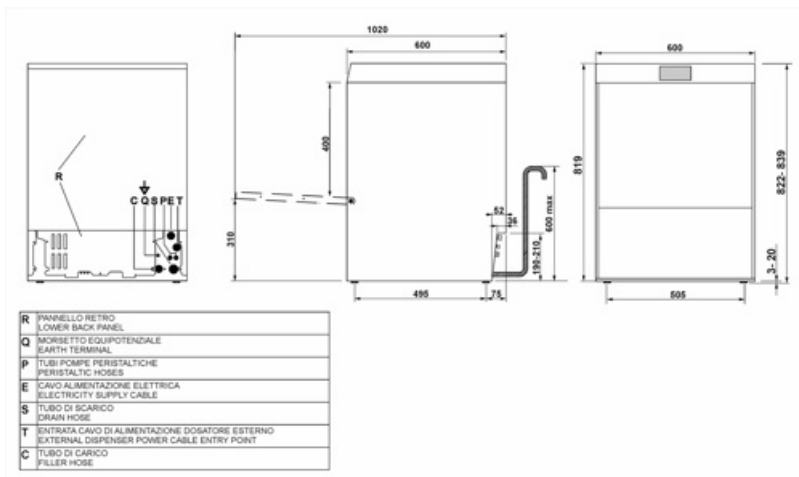
Compatible Accessories
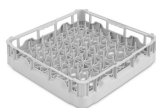
PB50D01

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

WB50PG5

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

WH00S01

Wire insert for 12 small dishes

WS5

Stainless steel underframe for
glasswashers and dishwashers, dim.
(WxDxH) 595x595x490 mm

![smeg PROFESSIONAL]

Symbols glossary

GN1/1	SUITABLE FOR GASTRONORM TRAY		HTR RINSING SYSTEM
	5 STAGE FILTER		MAX. USABLE HEIGHT 400mm

Benefit (TT)

Balanced door

Effortless opening and closing

The counterbalanced door is designed to ensure smooth and effortless opening and closing, providing high user convenience. Additionally, it can be locked in a halfway position, a particularly useful feature for promoting natural drying at the end of the workday, enhancing overall hygiene and preventing the buildup of residual moisture.

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.

Integral double-skin

Thermal and acoustic insulation guaranteed

The double-skin design of undercounter dishwashers is engineered to optimise energy efficiency by minimising heat loss and accelerating water heating, resulting in lower energy consumption and faster start-up times. Additionally, it provides effective sound 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.

Double basket

Double load capacity for maximum productivity

Designed to ensure maximum productivity and high configuration flexibility. This solution represents a sustainable choice, as it allows for handling larger loads while reducing the number of cycles required. In doing so, it optimises the use of resources such as energy, water, and detergents.