

# SPD512

<b>Family</b>	Professional dishwasher
<b>Subfamily</b>	Undercounter
<b>Type</b>	Undercounter dishwashers
<b>Crockery</b>	Crockery; Glasses; Cutlery; GN1/1 trays
<b>Double basket</b>	Yes
<b>Basket dimensions</b>	500x500 mm
<b>Control panel</b>	Electronic
<b>Rinse pump</b>	HTR system
<b>Wash pump</b>	Standard
<b>Power connection</b>	400 V 3N~ / 12 A / 7,3 kW / 50 Hz
<b>Product dimensions (WxDxH)</b>	600x600x822 mm



## Target

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

<b>Led color</b>	Green	<b>Series</b>	Easyline
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## Technical Features

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

## Programs

<b>Programs</b>	6 automatic programs; 1 fully customizable program; Self-cleaning programs
<b>Program options</b>	Extra rinse; Clean water cycle
<b>Program table</b>	Easyline dishwasher and traywasher 500
<b>Maximum basket/hour</b>	120
<b>Maximum dishes/hour</b>	3240
<b>Maximum glasses/hour</b>	4320

## Electrical Connection

<b>Tank heating element power</b>	2000 W	<b>Default connection</b>	7300 W
<b>Boiler heating element power</b>	6100 W	<b>Optional electrical connection</b>	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
<b>Wash pump power</b>	700 W	<b>Plug</b>	Not present

## Interface

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

## Construction

<b>Tank</b>	Deep drawn	<b>Rack guides</b>	Embossed low, telescopic up
<b>Construction</b>	Integral double-skin	<b>Filter</b>	5-stage filter system
<b>Tank material</b>	Stainless steel AISI 304	<b>Tank capacity</b>	11 l
<b>Back panel</b>	Galvanized	<b>Boiler capacity</b>	6.5 l
<b>Balanced door</b>	Yes	<b>Boiler type</b>	Artmosferic boiler
<b>Upper wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>Noise</b>	Lpa 54,5 dBA
<b>Lower wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>Protection class</b>	IPX4
<b>Tank filter</b>	Stainless steel	<b>Adjustable feet</b>	Yes
<b>Door gasket</b>	On 3 sides	<b>Drain max. height</b>	600 mm

## Accessories included

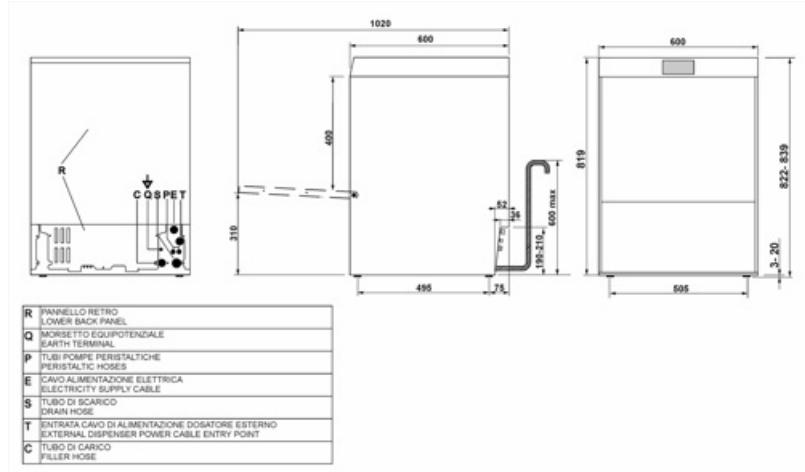
Dish basket	1x PB50D01	Water supply hose	Yes - 2 m
Cutlery basket	2x PHOOS01	Drain hose	Yes - 2m
Flat basket	1x PB50G01		

## Equipments

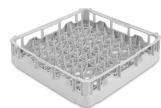
Drain pump	Yes	Option for auto daily switch on	Yes, default OFF
Peristaltic detergent dispenser	Electronic control	Cycle counter	Yes
Peristaltic rinse-aid dispenser	Electronic control	Break tank	Yes
Chemicals level probe	Yes, with optional kit KITSONLIV	Partial renewal of water in the tank and built-in drain pump	Yes
Default chemicals dosing unit of measure	gr/lt	Water supply pipe diameter	DN15 - 1/2"
Rinse boiler Thermostop system	Yes - default	Drain supply pipe diameter	DN20-G 3/4"
Wash tank Thermostop system	Yes	Detergent (red) hose lenght	2,2 m
Wash pump soft start system	Yes	Rinse aid (blue) hose lenght	2,2 m
Stand-by system	Yes		

## Logistic Information

EAN code	8017709340902	Net weight	61.000 kg
Packed product dimensions (WxDxH)	990x660x700 mm	Gross weight	69.000 kg



## Compatible Accessories



**PB50D01**

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



**PB50G01**

Universal flat bottom polypropylene  
basket, internal height 73 mm, dim.  
(WxDxH) 500x500x100 mm



**PHOOGR5**

Tilted glass insert for basket PB50G02  
500x500 mm, configurable with 4 units  
of 5 glasses each (first line Ø max 110  
mm, lines 2-4 Ø max 95 mm), or 5 units  
of 5 glasses each (first line Ø max 95  
mm, lines 2-5 Ø max 75 mm)



**PHOOS01**

Polypropylene single basket for  
cutlery



**PHOOS04**

4 compartments polypropylene basket  
for cutlery



**WB50PG5**

Wire basket with flat bottom for 25  
plastic glasses, max. H 230 mm, min.-  
max. Ø 36-95 mm, dim. (WxDxH)  
500x500x260 mm



**WH00S01**

Wire insert for 17 small dishes, width  
100 mm, for flat bottom baskets  
500x500 and 600x500 mm



**WS5**

Stainless steel underframe for  
undercounter glasswashers and  
dishwashers 500 mm, dim. (WxDxH)  
595x595x490 mm

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## Symbols glossary

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SUITABLE FOR GASTRONORM TRAY



HTR RINSING SYSTEM



5 STAGE FILTER



MAX. USABLE HEIGHT 400mm

## Benefit (TT)

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### 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.

### 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 rinsing temperature according to the program setting. 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.