

# SPD512S

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
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## Aesthetics

Series	Easyline	Led color	Green
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## 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
Rinse temperature (min-max)	71 °C - 85 °C	Depth with open door	1020 mm
Minimum water consumption per cycle	3,2 l	Configuration 1: maximum height for glasses lower basket/ Ø dishes upper basket	110 mm/225 mm
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	Product dimensions WxDxH	600x600x822 mm

Max water hardness 54°f - 30°dH

## 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	Detergent missing alert	Yes
On/Off button	Yes	Cycle progress alert	Yes
Salt alert	Yes	End-cycle alert	Yes
Rinse aid missing alert	Yes	Manual diagnostic	Yes

## Construction

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

## Accessories included

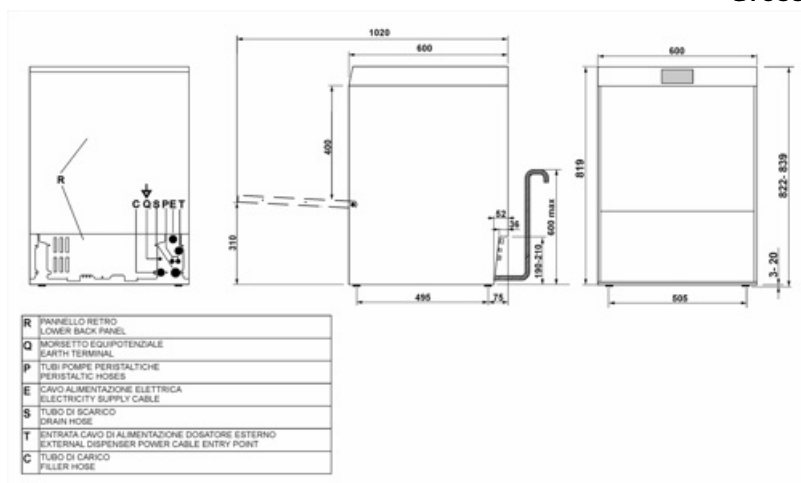
Dish basket	1x PB50D01	Water supply hose	Yes - 2m
Cutlery basket	2x PHOOS01	Drain hose	Yes - 2m
Flat basket	1x PB50G02		

## Equipments

Drain pump	Yes	Stand-by system	Yes
Peristaltic detergent dispenser	Electronic control	Option for auto daily switch on	Yes, default OFF
Peristaltic rinse-aid dispenser	Electronic control	Cycle counter	Yes
Chemicals level probe	Yes, with optional kit KITSONLIV	Break tank	Yes
Default chemicals dosing unit of measure	gr/lt	Partial renewal of water in the tank and built-in drain pump	Yes
Automatic built softener	Yes	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

## Logistic Information

Width packed product	660 mm	Packed product dimensions	990X660X700
Depth packed product	700 mm	Net weight	66,000 kg
Height packed product	990 mm	Gross weight (kg)	74,000



## 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



### PHOGR5

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

## Symbols glossary

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SUITABLE FOR GASTRONORM TRAY



HTR RINSING SYSTEM



5 STAGE FILTER



MAX. USABLE HEIGHT 400mm

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## 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.

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.

### Integrated softener

Effective water treatment for consistently sparkling glasses

The integrated continuous regeneration water softener ensures effective water treatment, enhancing washing performance and preserving the machine's operational lifespan. The resin regeneration process takes place during the wash cycle without interruptions, providing constant control over water hardness. This system prevents limescale buildup, maximises detergent efficiency, and guarantees spotless results on glassware and dishes.

### 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.