

# SPD516

<b>Family</b>	Professional dishwasher
<b>Subfamily</b>	Undercounter
<b>Type</b>	Undercounter traywasher
<b>Crockery</b>	Crockery; Cutlery; EN 600x400 trays; GN1/1 trays
<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>	600x690x822 mm

## Target

<b>Industries</b>	Hotels; Ristoranti / Catering; Bakeries / Pastry shops; Butcher shops / Delicatessens; Catering; Care facilities ; Commercial food services
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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); 6 x EN 1/1 (600 x 400 mm)	<b>Max. inlet temperature</b>	60°C
<b>Trays washing option</b>	Yes	<b>Max water hardness</b>	12°f - 7°dH
<b>Water consumption per cycle</b>	3,2 l	<b>Inlet pressure</b>	100-1000 kPa (min-max)
<b>Wash temperature (min-max)</b>	60 °C	<b>Detergent load</b>	1,5 l/h
<b>Rinse temperature (min-max)</b>	71 °C - 85 °C	<b>Rinse load</b>	0,4 l/h
<b>Min. water connection temperature</b>	5°C	<b>Usable load height</b>	400 mm
<b>Minimum water consumption per cycle</b>	3,2 l	<b>Depth with open door</b>	1020 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 traywisher 500
<b>Maximum basket/hour</b>	60
<b>Maximum dishes/hour</b>	1080
<b>Maximum glasses/hour</b>	2160

## 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 / 6,7 kW / 50 Hz; 230 V~/12 A / 2,7 kW / 50 Hz; 230 V~/16 A / 3,7 kW / 50 Hz; 230 V~/21 A / 4,7 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
<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

<b>Dish basket</b>	1x PB50D01	<b>Tray basket</b>	1x WB50T03
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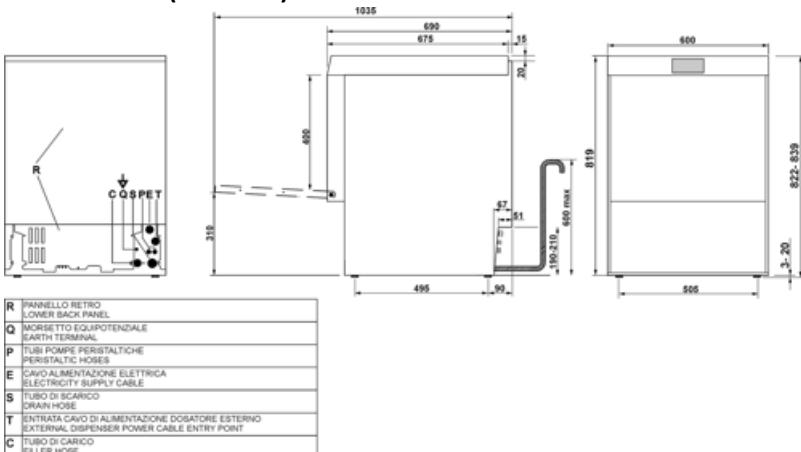
<b>Cutlery basket</b>	1x PHOOS04	<b>Water supply hose</b>	Yes - 2 m
<b>Flat basket</b>	1x PB50G02	<b>Drain hose</b>	Yes - 2m
<b>Grids</b>	1 x KIT-WG500		

## Equipments

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

## Logistic Information

<b>EAN code</b>	8017709344887	<b>Net weight</b>	68,000 kg
<b>Packed product dimensions (WxDxH)</b>	990x660x700 mm	<b>Gross weight</b>	76,000 kg



## Compatible Accessories



### KITDETKCC500

Kit for detergent (1l) and rinse aid (1l) storage for double wall models



### KIT-WG500

Support grid for tray washer, dim. (WxD) 500x500 mm



### PB50G02

Universal flat bottom polypropylene basket, internal height 150 mm, dim. (WxDxH) 500x500x170 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)



### PHOOS04

4 compartments polypropylene basket for cutlery



### WB50T02

Wire basket for 7 trays GN1/1 h 20 mm, dim. (WxD) 500x500 mm



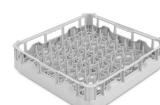
### WH00S01

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



### KITSONLIV

Probe level kit



### PB50D01

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



### PB50T01

Polypropylene basket for 8 trays GN 1/1 h 40 mm, vertical row spacing 68 mm and horizontal row spacing 54 mm, dim. (WxDxH) 500x500x105 mm



### PHOOS01

Polypropylene single 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



### WB50T03

Wire basket for 6 trays GN1/1 h 60 mm and EN 600x400 mm, 64 mm row spacing, dim. (WxDxH) 500x500x206 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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 EN SUITABLE FOR EURONORM TRAY

 GN1/1 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.

## **Euronorm**

Compatibility with EN 600x400 mm trays

These models offer great versatility, with the ability to wash up to 6 Euronorm 600x400 mm trays. These features make the products extremely useful for a wide range of activities, such as pizzerias, bakeries, bistros, catering, restaurants, and cafés.