

# SPF516S

Family	Professional dishwasher
Subfamily	Undercounter traywasher
Type	Undercounter Glasswasher
Line	Easyline
Basket dimensions	500x500 mm
Rinse pump	Yes
Wash pump	Standard



## Accessories Included

Cutlery basket	1x PHOOS02	Water supply hose	Yes - 2m
Flat basket	1x PB50G02	Drain hose	Yes - 2m

## Target

Solutions	Hotels; Restaurants/Pubs; Bakery/Pastry making; Frozen bakery industry; Food retail; Other food industry; Catering and Institutions; QSR
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## 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
Program specifications	Boiler 71°C/Tank 60°C - 2'10"; Boiler 71°C/Tank 60°C - 2'; Boiler 85°C/Tank 60°C - 1'10"; Boiler 85°C/Tank 60°C - 2'30"; Boiler 85°C/Tank 60°C - 4'10"; Boiler 85°C/Tank 60°C - 1'30"
Maximum basket/hour	51
Maximum dishes/hour	720
Maximum glasses/hour	2160

## 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	Deep drawn	Door gasket	On 3 sides
Construction	Integral double-skin	Rack guides	Embossed
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	Protection class	IPX4
Lower wash system	One wash and one split rinse spray arms, stainless steel	Adjustable feet	Yes
Tank filter	Stainless steel	Drain max. height	600 mm

## Technical Features

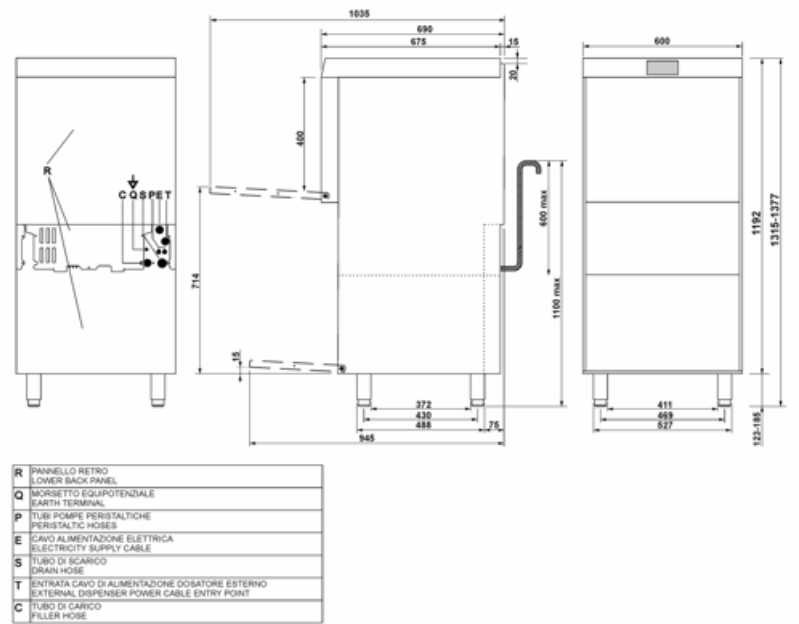
Trays washing option	Yes	Max. inlet temperature	60°C
Trays number	7 x GN 1/1 (530 x 325 mm); 6 x EN 1/1 (600 x 400 mm)	Max water hardness	54°f - 30°dH
Tank heating element power	2000 W	Inlet pressure	100-1000 kPa (min-max)
Boiler heating element power	6100 W	Detergent load	1,5 l/h
Wash pump power	700 W	Rinse load	0,4 l/h
Default connection	7300 W	Usable load height	400 mm
Water consumption per cycle	3,2 l	Depth with open door	1290 mm
Minimum water consumption per cycle	3,2 l	Maximum dishes diameter	415 mm
Warm water connection	5°C	Product dimensions WxDxH	600x690x1315 mm

## Electrical Connection

Plug	Not present	Optional electrical connection	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
Power connection	400 V 3N~ / 12 A / 7,3 kW / 50 Hz		

## 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
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
Stand-by system	Yes		

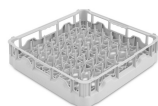


## Compatible Accessories



### KITSONLIV

Chemical level sensor probe kit for undercounter double wall models and hoodtype models



### PB50D01

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



### PHOOS01

Polypropylene single basket for cutlery



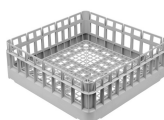
### WB50D01

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



### WB50T03

Wire basket for 6 trays GN1/1 h 60 mm and EN 600x400 mm



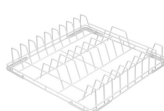
### PB50G02

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



### PHOOS02

6 compartment polypropylene basket for cutlery



### WB50T02

Wire basket for 7 trays GN1/1 h 20 mm



### WH00S01

Wire insert for 12 small dishes

## Symbols glossary

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SUITABLE FOR EURONORM TRAY



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.

### 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.

### **Raised version**

Easy and fast dishwasher loading and unloading operations

The raised design facilitates loading and unloading dishes, making these tasks faster and more efficient. This results in significant time savings, especially valuable in high-intensity work environments. The space below the dishwasher can be used to store detergents, utensils, or other accessories, providing a practical solution to optimise space usage, particularly in compact kitchens.

### **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.