

# FD516DS

<b>Familia</b>	Lavavajillas
<b>Subfamilia</b>	Undercounter traywasher
<b>Subfamilia</b>	Lavavasos bajo barra
<b>Dimensiones de la cesta</b>	500x500 mm
<b>Rinse pump</b>	Sí



## Equipo accesorios incluidos

<b>Cesta de cubiertos</b>	PHOOS02	<b>Tubería de suministro de agua</b>	Si - 2m
<b>Cesta plana</b>	1x PB50G02	<b>Tubo de desagüe</b>	Si - 2m
<b>Rejillas</b>	1 x KIT-WG500		

## Distribución

<b>Usuarios potenciales</b>	Hoteles; Restaurantes - Pubs; Panaderías - Pastelerías; Industria de panadería congelada; Comercio minorista de alimentos; Otra industria alimentaria; catering e Instituciones; QSR
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## Programas

<b>Programs</b>	6 programas automáticos; 1 programa completamente personalizable; Programas de autolimpieza
<b>Program options</b>	Aclarado extra; Ciclo de agua limpia
<b>Programas</b>	13- 71°C / 60°C - 2' 10"; 6- 71°C / 60°C - 2'; 18- 85°C / 60°C - 1' 10"; 8- 85°C / 60°C - 2' 30"; 17- 85°C / 60°C - 4' 10"; 5- 85°C / 60°C - 1' 30"
<b>Máximo cesto / hora</b>	60
<b>Máximo platos / hora</b>	1080

## Interface

Pantalla	8 dígitos	Alerta falta de detergente	Sí
Botón ON/OFF	Sí	Alerta de progreso del ciclo	Sí
Alerta de sal	Sí	Alerta de fin de ciclo	Sí
Alerta de falta de abrillantador	Sí	Diagnostico manual	Sí

## Construcción

Cuba	Profundidad del dibujo	Junta de la puerta	En 3 lados
Construcción de la cuba	Pared Doble	Guías de estante	En relieve
Material de la cuba	Acero inoxidable AISI 304	Bomba de desagüe	Sí
Panel trasero	Galvanizado	Capacidad de la cuba	11 l
Puerta equilibrada	Sí	Volumen del calderín	6,5 l
Upper wash system	Un brazo rociador para lavado y un brazo rociador para aclarado, de acero inoxidable.	Clase de protección	IPX4
Lower wash system	Un brazo rociador para lavado y un brazo rociador dividido para aclarado, de acero inoxidable.	Adjustable feet	Sí
Filtro de la cuba	Acero inoxidable	Profundidad de carga	600 mm

## Características técnicas

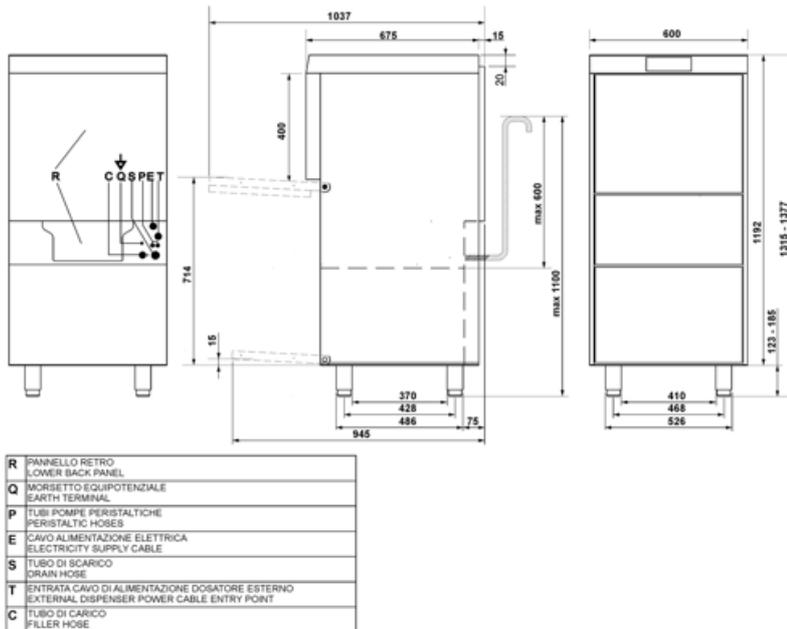
Trays washing option	Sí	Dureza máxima del agua	54°f - 30°dH
Tank heating element power	2000 W	Entrada de agua	Frío 15°C
Boiler heating element power	4500 W	Dosificador de detergente peristáltico	Sí, manual
Wash pump power	730 W	Dosificador de detergente peristáltico	Sí, manual
Conexión por defecto	6730 W	Altura útil de carga	400 mm
Water consumption per cycle	3,2 l	Profundidad puerta abierta	1290 mm
Entrada de agua	5°C	Diámetro máximo de platos	415 mm
Max. inlet temperature	60°C	Product dimensions WxDxH	600x675x1315 mm

## Conexión eléctrica

Conexión eléctrica	400 V 3N~ / 12 A / 6,73 kW / 50 Hz	Opción de conexión eléctrica	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
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## Equipamiento

<b>Bomba de desagüe</b>	Sí	<b>Option for auto daily switch on</b>	Si, por defecto desactivado
<b>Peristaltic detergent dispenser</b>	Si, control electrónico	<b>Contador de ciclos</b>	Sí
<b>Peristaltic rinse-aid dispenser</b>	Si, control electrónico	<b>Tanque de rotura</b>	Sí
<b>Nivel de productos químicos</b>	Si, opcional KITSONLIV	<b>Renovación parcial del agua en el tanque e incorporación bomba de drenaje</b>	Sí
<b>Descalcificador incorporado</b>	Sí	<b>Diámetro del tubo de entrada de agua</b>	Si - 1,5m
<b>Rinse boiler Thermostop system</b>	Yes - default	<b>Diámetro del tubo de desagüe</b>	Si - 2m
<b>Wash pump soft start system</b>	Sí	<b>Dosificador de detergente peristáltico</b>	Si, manual
<b>Stand-by system</b>	Sí	<b>Dosificador de detergente peristáltico</b>	Si, manual

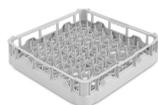


## Accesorios Compatible



### KITSONLIV

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

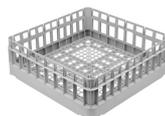


### PB50D01

Cesta de polipropileno para 18 platos, 500x500x105 mm



### PHOOS01



### PB50G02

Cesta universal de polipropileno de fondo plano, 500x500x170 mm

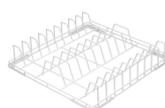


### PHOOS02



### WB50D01

Cesta de alambre para 18 platos 250 mm máx. bandejas de diámetro o autoservicio, 500X500mm



### WB50T02

Cesta de alambre para 7 bandejas GN1/1 h 20 mm, 500x500 mm



### WB50T03

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



### WH00S01

## Symbols glossary

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SUITABLE FOR EURONORM TRAY



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.

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.