

# FD516DS

<b>Família</b>	Máquina de lavar louça profissional
<b>Subfamília</b>	Undercounter traywasher
<b>Subfamília</b>	Raised
<b>Dimensões do cesto</b>	500x500 mm
<b>Rinse pump</b>	Sim



## Acessórios incluídos

<b>Cesto para talheres</b>	1x PHOOS02	<b>Mangueira de abastecimento de água</b>	Sim - 2m
<b>Cesto de fundo plano</b>	1x PB50G02	<b>Mangueira de drenagem</b>	Sim - 2m
<b>Grids</b>	1 x KIT-WG500		

## Mercado

<b>Soluções</b>	Hotelaria; Restaurantes/ Pubs; Padarias e pastelarias; Indústria de comida congelada; Retalho alimentar; Outras indústrias de comida; Catering e cantinas; QSR
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## Programas

<b>Programs</b>	6 automatic programs; 1 fully customizable program; Self-cleaning programs
<b>Program options</b>	Extra rinse; Clean water cycle
<b>Program specifications</b>	Caldeira 71°C/Cuba 60°C - 2'10"; Caldeira 71°C/Cuba 60°C - 2'; Caldeira 85°C/Cuba 60°C - 1'10"; Caldeira 85°C/Cuba 60°C - 2'30"; Caldeira 85°C/Cuba 60°C - 4'10"; Caldeira 85°C/Cuba 60°C - 1'30"
<b>Numero máximo de cestos/hora</b>	60
<b>Numero máximo de pratos/hora</b>	1080

## Interface

<b>Display</b>	8 dígitos	<b>Alerta de falta de detergente</b>	Sim
<b>Luz indicadora On/Off</b>	Sim	<b>Indicador da fase do programa</b>	Sim
<b>Luz indicadora de falta de sal</b>	Sim	<b>Indicador de fim do programa</b>	Sim
<b>Alerta de falta de abrilihantador</b>	Sim	<b>Diagnóstico manual</b>	Sim

## ESPECIFICAÇÕES TÉCNICAS

<b>Tank</b>	Potundo	<b>Junta da porta</b>	Em 3 lados
<b>Tipologia</b>	Parede dupla	<b>Guias dos cestos</b>	Embutidas
<b>Material da cuba</b>	Aço Inox AISI 304	<b>Filter</b>	5-stage filter system
<b>Painel traseiro</b>	Porta galvanizada	<b>Capacidade da cuba</b>	11 l
<b>Porta equilibrada</b>	Sim	<b>Capacidade da caldeira</b>	6,5 l
<b>Sistema de lavagem superior</b>	One wash and one split rinse spray arms, stainless steel	<b>Classe de Proteção</b>	IPX4
<b>Sistema de lavagem inferior</b>	One wash and one split rinse spray arms, stainless steel	<b>Adjustable feet</b>	Sim
<b>Filtro da cuba</b>	Aço inox	<b>Altura max. de drenagem</b>	600 mm

## Especificações técnicas

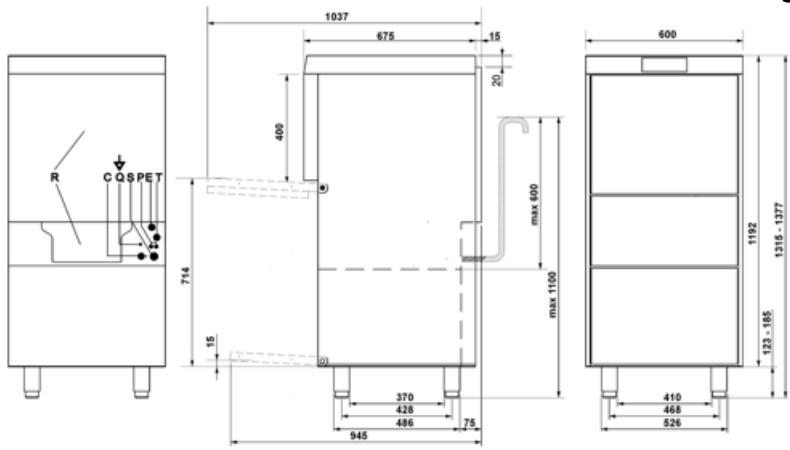
<b>Trays washing option</b>	Sim	<b>Dureza máxima da água</b>	54°f - 30°dH
<b>Tank heating element power</b>	2000 W	<b>Pressão de entrada</b>	1-6 bar / 100-600 kPa
<b>Boiler heating element power</b>	4500 W	<b>Carga de detergente</b>	1,5 l/h
<b>Wash pump power</b>	730 W	<b>Carga de enxaguamento</b>	0,4 l/h
<b>Ligação pré-definida</b>	6730 W	<b>Altura de carga operável</b>	400 mm
<b>Water consumption per cycle</b>	3,2 l	<b>Profundidade com porta aberta</b>	1290 mm
<b>Temperatura pré-definida de ligação da água</b>	5°C	<b>Diâmetro máximo dos pratos</b>	415 mm
<b>Max. inlet temperature</b>	60°C	<b>Dimensões de produto LxPxA:</b>	600x675x1315 mm

## Ligação elétrica

<b>Ligação energética</b>	400 V 3N~ / 12 A / 6,73 kW / 50 Hz	<b>Ligação eléctrica opcional</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
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## Equipamentos

<b>Bomba de drenagem</b>	Sim	<b>Option for auto daily switch on</b>	Sim, desligado por definição
<b>Peristaltic detergent dispenser</b>	Controlo eletrónico	<b>Contador de ciclos</b>	Sim
<b>Peristaltic rinse-aid dispenser</b>	Controlo eletrónico	<b>Break tank</b>	Sim
<b>Sonda de nível químico</b>	Sim, opcional KITSONLIV	<b>Renovação parcial da água na cuba e bomba de drenagem integrada</b>	Sim
<b>Amaciador automático incorporado</b>	Sim	<b>Diâmetro do tudo de abastecimento de água</b>	DN15 - $\frac{1}{2}$ "
<b>Rinse boiler Thermostop system</b>	Yes - default	<b>Ø do tubo de drenagem</b>	DN20-G 3/4"
<b>Wash pump soft start system</b>	Sim	<b>Comprimento da mangueira de detergente (vermelha)</b>	2,2m
<b>Stand-by system</b>	Sim	<b>Comprimento da mangueira de enxaguamento (azul)</b>	2,2m



<b>R</b>	PANNELLO RETRO LOWER BACK PANEL
<b>Q</b>	MORSETTO EQUIVOTENZIALE EARTH TERMINAL
<b>P</b>	TERMOPIRE PERISTALTICHE PERISTALTIC HOSES
<b>E</b>	CAVO ALIMENTAZIONE ELETTRICA ELECTRICITY SUPPLY CABLE
<b>S</b>	TUBO DI SCARICO DRAIN HOSE
<b>T</b>	ENTRATA CAVO DI ALIMENTAZIONE DOSATORE ESTERNO EXTERNAL DISPENSER POWER CABLE ENTRY POINT
<b>C</b>	TUBO DI CARICO FILLER HOSE

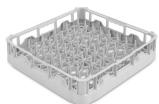
## Acessórios Compatíveis

### 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

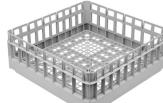


Wire basket for 6 trays GN1/1 h 60 mm and EN 600x400 mm

### KIT-WG500

Trays holder for trays washer

### 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

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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

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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.