

# UD516DS

<b>Família</b>	Máquina de lavar louça profissional
<b>Subfamília</b>	Undercounter traywasher
<b>Dimensões do cesto</b>	500x500 mm
<b>Rinse pump</b>	HTR system
<b>Wash pump</b>	Standard
<b>Ligação energética</b>	400 V 3N~ / 12 A / 6,73 kW / 50 Hz



## Mercado

<b>Soluções</b>	Padarias e pastelarias; Indústria de comida congelada; Retalho alimentar; Outras indústrias de comida; QSR
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## Design

<b>Design</b>	Easyline	<b>Cor dos LEDs</b>	Verde
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## Especificações técnicas

<b>Trays washing option</b>	Sim	<b>Carga de detergente</b>	1,5 l/h
<b>Water consumption per cycle</b>	3,2 l	<b>Carga de enxaguamento</b>	0,4 l/h
<b>Temperatura pré-definida de ligação da água</b>	5°C	<b>Altura de carga operável</b>	400 mm
<b>Max. inlet temperature</b>	60°C	<b>Profundidade com porta aberta</b>	1020 mm
<b>Dureza máxima da água</b>	54°f - 30°dH	<b>Dimensões de produto LxPxA:</b>	600x675x822 mm
<b>Pressão de entrada</b>	1-6 bar / 100-600 kPa		

## Programas

<b>Programs</b>	6 automatic programs; 1 fully customizable program; Self-cleaning programs
<b>Program options</b>	Extra rinse; Clean water cycle

Numero máximo de cestos/hora	51
Numero máximo de pratos/hora	720

## Ligação elétrica

Tank heating element power	2000 W	Ligação pré-definida	6730 W
Boiler heating element power	4500 W	Ligação eléctrica opcional	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
Wash pump power	730 W		

## Interface

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

## ESPECIFICAÇÕES TÉCNICAS

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

## Acessórios incluídos

Cesto para pratos	1x PB50D01	Grids	1 x KIT-WG500
Cesto para talheres	1x PHOOS02	Mangueira de abastecimento de água	Sim - 2m
Cesto de fundo plano	1x PB50G02	Mangueira de drenagem	Sim - 2m

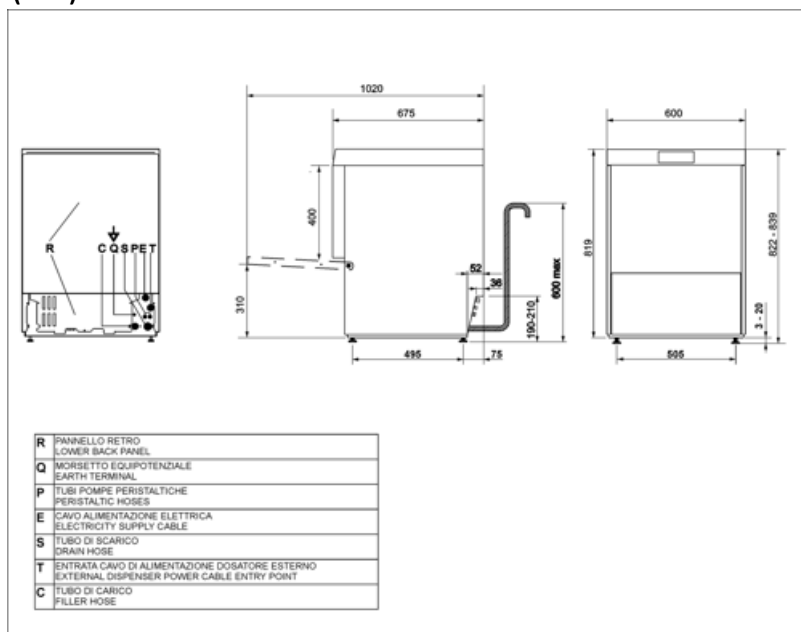
## Equipamentos

Bomba de drenagem	Sim	Stand-by system	Sim
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Peristaltic detergent dispenser	Controlo eletrónico	Option for auto daily switch on	Sim, desligado por definição
Peristaltic rinse-aid dispenser	Controlo eletrónico	Contador de ciclos	Sim
Sonda de nível químico	Sim, opcional KITSONLIV	Break tank	Sim
Unidade de medida da dosagem de produtos químicos	gr/lt	Renovação parcial da água na cuba e bomba de drenagem integrada	Sim
Amaciador automático incorporado	Sim	Diâmetro do tudo de abastecimento de água	DN15 - ½"
Rinse boiler Thermostop system	Yes - default	Ø do tubo de drenagem	DN20-G 3/4"
Wash tank Thermostop system	Sim	Comprimento da mangueira de detergente (vermelha)	2,2m
Wash pump soft start system	Sim	Comprimento da mangueira de enxaguamento (azul)	2,2m

## Dados de logística

Largura da embalagem (mm)	660 mm	Dimensões do produto embalado (mm)	990X660X700
Profundidade da embalagem (mm)	700 mm	Peso líquido (kg)	69,000 kg
Altura da embalagem (mm)	990 mm	Peso bruto (kg)	77,000



## Acessórios Compatíveis



### KITDETKCC500

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

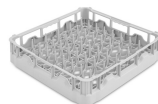


### KITSONLIV

Probe level kit

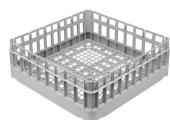
### KIT-WG500

Trays holder for trays washer



### PB50D01

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



### PB50G02

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



### 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



### WB50T02

Wire basket for 7 trays GN1/1 h 20 mm



### WB50T03

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

### 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.

## **Hood lift**

Unprecedented comfort with the patented lifting system

The new ergonomic handle, combined with the patented lifting system, minimises the effort required to open and close the hood, limiting it to just 2.5 kg. This system ensures an exceptionally smooth and lightweight operation, helping to protect the operator's health and well-being, even during extended use.