

# UD512DS-1

Família	Máquina de lavar louça profissional
Subfamília	Undercounter dishwashers
Subfamília	Cesto duplo
Dimensões do cesto	500x500 mm
Rinse pump	HTR system
Wash pump	Standard
Ligação energética	400 V 3N~ / 12 A / 7,3 kW / 50 Hz



## Mercado

Soluções	Bares/ Coffee shops/ Wine bars; Hotelaria; Offices; QSR
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## Design

Design	Easyline	Cor dos LEDs	Verde
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## Especificações técnicas

Water consumption per cycle	3,2 l	Carga de enxaguamento	0,4 l/h
Temperatura pré-definida de ligação da água	5°C	Altura de carga operável	400 mm
Max. inlet temperature	60°C	Profundidade com porta aberta	1020 mm
Dureza máxima da água	54°F - 30°dH	Configuração 1: altura máxima do cesto inferior para copos / cesto superior para pratos	110 mm/225 mm
Pressão de entrada	1-6 bar / 100-600 kPa	Configuração 2: altura máxima do cesto inferior e superior	190 mm/145 mm
Carga de detergente	1,5 l/h	Dimensões de produto LxPxA:	600x600x822 mm

## Programas

<b>Programs</b>	6 automatic programs; 1 fully customizable program; Self-cleaning programs
<b>Program options</b>	Extra rinse; Clean water cycle
<b>Numero máximo de cestos/hora</b>	51
<b>Numero máximo de pratos/hora</b>	720

## Ligação elétrica

<b>Tank heating element power</b>	2000 W	<b>Ligação pré-definida</b>	5200 W
<b>Boiler heating element power</b>	4500 W	<b>Ligação eléctrica opcional</b>	230 V 3~ / 21 A / 7,3 kW / 50 Hz; 230 V~ / 15 A / 3,4 kW / 50 Hz; 230 V~ / 20 A / 4,5 kW / 50 Hz; 230 V~ / 22 A / 5,0 kW / 50 Hz
<b>Wash pump power</b>	700 W		

## 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 abrillantador</b>	Sim	<b>Diagnóstico manual</b>	Sim

## ESPECIFICAÇÕES TÉCNICAS

<b>Tank</b>	Pofundo	<b>Guias dos cestos</b>	Embutidas, telescópicas
<b>Tipologia</b>	Parede dupla	<b>Hood elevation system</b>	Manual
<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
<b>Junta da porta</b>	Em 3 lados		

## Acessórios incluídos

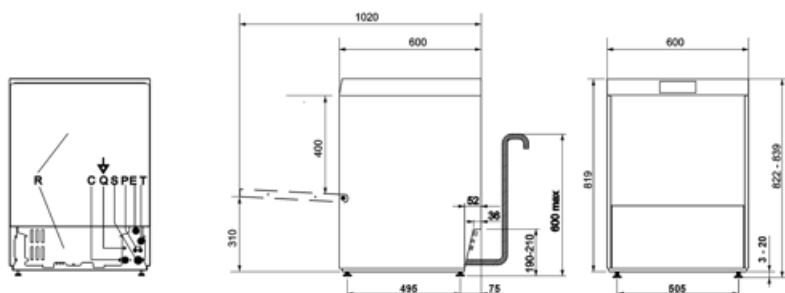
<b>Cesto para pratos</b>	1x PB50D01	<b>Mangueira de abastecimento de água</b>	Sim - 2m
<b>Cesto para talheres</b>	1x PHOOS02	<b>Mangueira de drenagem</b>	Sim - 2m
<b>Cesto de fundo plano</b>	1x PB50G02		

## Equipamentos

Bomba de drenagem	Sim	Stand-by system	Sim
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

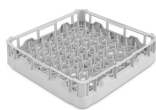
## Dados de logística

Largura da embalagem (mm)	660 mm	Dimensões do produto embalado (mm)	990X660X700
Profundidade da embalagem (mm)	700 mm	Peso líquido (kg)	63.000 kg
Altura da embalagem (mm)	990 mm	Peso bruto (kg)	71.000



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

## Acessórios Compatíveis



### PB50D01

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



### PHOOS02

6 compartment polypropylene basket for cutlery



### WH00S01

Wire insert for 12 small dishes



### PHOOS01

Polypropylene single basket for cutlery



### WB50PG5

Wire basket with flat bottom for 25 plastic glasses, dim. (WxDxH) 500x500x260 mm



### WS5

Stainless steel underframe for glasswashers and dishwashers, dim. (WxDxH) 595x595x490 mm

## Symbols glossary

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SUITABLE FOR GASTRONORM TRAY



HTR RINSING SYSTEM



MAX. USABLE HEIGHT 400mm



5 STAGE FILTER

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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.

### **Double basket**

Double load capacity for maximum productivity

Designed to ensure maximum productivity and high configuration flexibility. This solution represents a sustainable choice, as it allows for handling larger loads while reducing the number of cycles required. In doing so, it optimises the use of resources such as energy, water, and detergents.

### **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.