

# UD505D

<b>Família</b>	Máquina de lavar louça profissional
<b>Subfamília</b>	Undercounter dishwashers
<b>Dimensões do cesto</b>	500x500 mm
<b>Rinse pump</b>	HTR system
<b>Wash pump</b>	Standard
<b>Ligaçāo energética</b>	400 V 3N~ / 12 A / 5,7 kW / 50 Hz



## Mercado

<b>Soluções</b>	Hotelaria; Restaurantes/ Pubs; QSR
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## Design

Design	Ecoline	Cor dos LEDs	Vermelho
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## Especificações técnicas

<b>Water consumption per cycle</b>	3,2 l	<b>Carga de detergente</b>	1,5 l/h
<b>Temperatura pré-definida de ligação da água</b>	5°C	<b>Carga de enxaguamento</b>	0,4 l/h
<b>Max. inlet temperature</b>	60°C	<b>Altura de carga operável</b>	340 mm
<b>Dureza máxima da água</b>	12°f - 7°dH	<b>Profundidade com porta aberta</b>	1000 mm
<b>Pressão de entrada</b>	1-6 bar / 100-600 kPa	<b>Dimensões de produto</b>	578x600x814 mm LxPxA:

## Programas

<b>Programs</b>	3 automatic programs; Self-cleaning programs
<b>Program options</b>	Extra rinse; Clean water cycle
<b>Numero máximo de cestos/hora</b>	40
<b>Numero máximo de pratos/hora</b>	720

## Ligaçāo elétrica

<b>Tank heating element power</b>	2000 W	<b>Ligaçāo pré-definida</b>	5650 W
<b>Boiler heating element power</b>	4960 W	<b>Ligaçāo eléctrica opcional</b>	230 V 3~ / 16 A / 5,7 kW / 50 Hz; 230 V~ / 12 A / 2,7 kW / 50 Hz; 230 V~ / 14 A / 3,2 kW / 50 Hz; 230 V~ / 18 A / 4,0 kW / 50 Hz
<b>Wash pump power</b>	680 W		

## Interface

<b>Display</b>	4 dígitos	<b>Luz indicadora On/Off</b>	Sim
<b>Número de botões</b>	5	<b>Diagnóstico manual</b>	Sim

## ESPECIFICAÇÕES TÉCNICAS

<b>Tanque</b>	Potente	<b>Sistema de elevação da cuba</b>	Manual
<b>Tipologia</b>	Parede dupla parcial	<b>Filtro</b>	Sistema de filtragem em 4 fases
<b>Materiais da cuba</b>	Aço Inox AISI 304	<b>Capacidade da cuba</b>	16 l
<b>Painel traseiro</b>	Porta galvanizada	<b>Capacidade da caldeira</b>	6 l
<b>Sistema de lavagem superior</b>	One wash and one split rinse spray arms, stainless steel	<b>Ruído</b>	Lpa 55,5 dBA
<b>Sistema de lavagem inferior</b>	One wash and one combined rinse spray arms, stainless steel and plastic	<b>Classe de Proteção</b>	IPX4
<b>Filtro da cuba</b>	Plástico	<b>Peças ajustáveis</b>	Sim
<b>Junta da porta</b>	Apenas para cima	<b>Altura máxima de drenagem</b>	600 mm
<b>Guias dos cestos</b>	Encaixadas		

## Acessórios incluídos

<b>Cesto para pratos</b>	1x PB50D01	<b>Mangueira de abastecimento de água</b>	Sim - 1,5m
<b>Cesto para talheres</b>	1x PHOOS02		
<b>Cesto de fundo plano</b>	1x PB50G02	<b>Mangueira de drenagem</b>	Sim - 2m

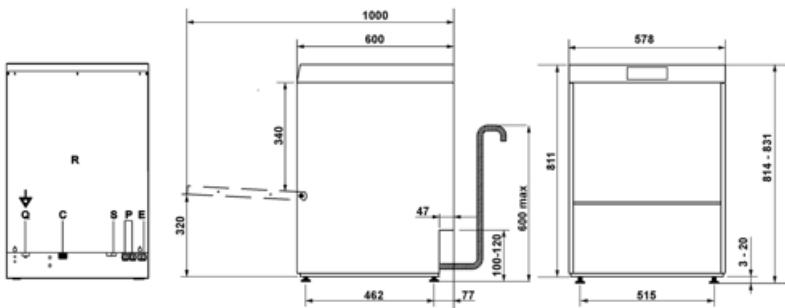
## Equipamentos

<b>Bomba de drenagem</b>	Sim	<b>Opção para 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>Unidade de medida da dosagem de produtos químicos</b>	gr/litro	<b>Renovação parcial da água na cuba e bomba de drenagem integrada</b>	Sim
		<b>Diâmetro do tubo de abastecimento de água</b>	DN15 - ½"
		<b>Ø do tubo de drenagem</b>	DN20-G 3/4"

Rinse boiler Thermostop system	Yes - default	Comprimento da mangueira de detergente (vermelha)	2,2m
Wash tank Thermostop system	Sim	Comprimento da mangueira de enxaguamento (azul)	2,2m
Wash pump soft start system	Sim		
Stand-by system	Sim		

## Dados de logística

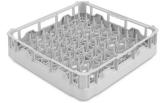
Largura da embalagem (mm)	660 mm	Dimensões do produto embalado (mm)	990X660X700
Profundidade da embalagem (mm)	700 mm	Peso líquido (kg)	56,000 kg
Altura da embalagem (mm)	990 mm	Peso bruto (kg)	64,000



R	Pannello retro	Lower back panel
Q	Morsetto equipotenziale	Earth terminal
C	Tubo di carico	Filler hose
S	Tubo di scarico	Drain hose
P	Tubi pompe peristaltiche	Peristaltic hoses
E	Cavo alimentazione elettrica	Electricity supply cable

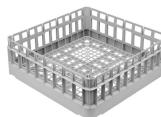
## Acessórios Compatíveis

**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

**WB50D01**



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



**WB50G01**

Universal wire basket with flat  
bottom, dim. (WxDxH) 500x500x123  
mm

**WB50G02**



Wire basket with sloped bottom for  
glasses Ø90 mm max, dim. (WxDxH)  
500x500x170 mm



**WB50G03**

Wire basket with sloped bottom for  
glasses Ø72 mm max, dim. (WxDxH)  
500x500x235 mm

**WB50G04**



Wire basket with sloped bottom for  
glasses Ø135 mm max, dim. (WxDxH)  
500x500x165 mm



**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



**WH00S01**

Wire insert for 12 small dishes

**WS5**



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

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## Symbols glossary

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SUITABLE FOR GASTRONORM TRAY



HTR RINSING SYSTEM



4 STAND FILTER



MAX.USABLE HEIGHT 340mm

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## Benefit (TT)

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### Interface

Control panel with electronic buttons

The electronic control panel features an intuitive interface with soft-touch buttons, allowing easy selection of one of the three wash programmes: short, medium, or intensive. There are also buttons for power, selection, and cycle start. The display provides real-time monitoring of the tank and boiler temperature, as well as diagnostics, ensuring effortless and immediate control of the main functions.

### 4-stage filtration system

Deep cleaning and spotless washes with the Patented 4-Stages Filtration System

The innovative Smeg filtration system consists of 4 stages to completely eliminate all impurities: the 1st stage captures larger food residues; in the 2nd stages, finer particles are captured at this filtration stage; the 3rd 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.

### 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.

### Partial double-skin

Optimised thermal and acoustic insulation

The Ecoline undercounter dishwashers are equipped with a partial double-skin structure that optimises energy efficiency by minimising heat loss. Additionally, it provides effective acoustic 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.