

UD512DS-1

Família	Máquina de lavar louça profissional
Subfamília	Undercounter dishwashers
Subfamília	Cesto duplo
Line	Easyline
Dimensões do cesto	500x500 mm
Rinse pump	HTR system
Wash pump	Standard



Acessórios incluídos

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

Mercado

Soluções	Bares/ Coffee shops/ Wine bars; Hotelaria; Offices; QSR
----------	---

Programas

Programs	6 automatic programs; 1 fully customizable program; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program specifications	Caldeira 71°C/Cuba 60°C - 1'20"; Caldeira 71°C/Cuba 60°C - 2'10"; Caldeira 85°C/Cuba 60°C - 60"; Caldeira 85°C/Cuba 60°C - 1'10"; Caldeira 85°C/Cuba 60°C - 3'; Caldeira 85°C/Cuba 60°C - 4'10"; Caldeira 85°C/Cuba 60°C - 1'30"
Numero máximo de cestos/hora	51
Numero máximo de pratos/hora	720

Interface

Display	8 dígitos	Alerta de falta de detergente	Sim
---------	-----------	-------------------------------	-----

Luz indicadora On/Off	Sim
Luz indicadora de falta de sal	Sim
Alerta de falta de abrillantador	Sim

Indicador da fase do programa	Sim
Indicador de fim do programa	Sim
Diagnóstico manual	Sim

ESPECIFICAÇÕES TÉCNICAS

Tank	Pofundo	Guias dos cestos	Embutidas, telescópicas
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		

Especificações técnicas

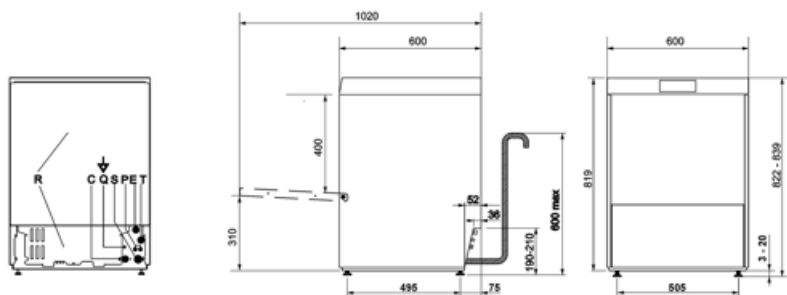
Tank heating element power	2000 W	Pressão de entrada	1-6 bar / 100-600 kPa
Boiler heating element power	4500 W	Carga de detergente	1,5 l/h
Wash pump power	700 W	Carga de enxaguamento	0,4 l/h
Ligação pré-definida	5200 W	Altura de carga operável	400 mm
Water consumption per cycle	3,2 l	Profundidade com porta aberta	1020 mm
Temperatura pré-definida de ligação da água	5°C	Configuração 1: altura máxima do cesto inferior para copos / cesto superior para pratos	110 mm/225 mm
Max. inlet temperature	60°C	Configuração 2: altura máxima do cesto inferior e superior	190 mm/145 mm
Dureza máxima da água	54°F - 30°dH	Dimensões de produto LxPxA:	600x600x822 mm

Ligação elétrica

Ligação energética	400 V 3N~ / 12 A / 7,3 kW / 50 Hz	Ligação eléctrica opcional	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
--------------------	-----------------------------------	----------------------------	--

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	Yes	Comprimento da mangueira de detergente (vermelha)	2,2m
Wash pump soft start system	Sim	Comprimento da mangueira de enxaguamento (azul)	2,2m



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



SUITABLE FOR GASTRONORM TRAY



HTR RINSING SYSTEM



5 STAGE FILTER



MAX. USABLE HEIGHT 400mm

Benefit (TT)

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.