

# UD520DS

<b>Familia</b>	Lavavajillas
<b>Subfamilia</b>	Undercounter dishwashers
<b>Dimensiones de la cesta</b>	500x500 mm
<b>Rinse pump</b>	HTR system
<b>Wash pump</b>	Standard
<b>Conexión eléctrica</b>	400 V 3N~ / 12 A / 6,7 kW / 50 Hz



## Distribución

<b>Usuarios potenciales</b>	Hoteles; Restaurantes - Pubs; QSR
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## Estética

Serie	Topline	Color Led	Blanco
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## Características técnicas

<b>Water consumption per cycle</b>	3,2 l	<b>Dosificador de detergente peristáltico</b>	Si, manual
<b>Entrada de agua</b>	5°C	<b>Dosificador de detergente peristáltico</b>	Si, manual
<b>Max. inlet temperature</b>	60°C	<b>Altura útil de carga</b>	400 mm
<b>Dureza máxima del agua</b>	54°f - 30°dH	<b>Profundidad puerta abierta</b>	1020 mm
<b>Entrada de agua</b>	Frío 15°C	<b>Product dimensions WxDxH</b>	600x600x822 mm

## Programas

<b>Programs</b>	13 programas automáticos; 1 programa completamente personalizable; Programas de autolimpieza; Programa de enjuague con agua fría
<b>Program options</b>	Aclarado extra; Ciclo de agua limpia
<b>Máximo cesto / hora</b>	72
<b>Máximo platos / hora</b>	1296

## Conexión eléctrica

<b>Tank heating element power</b>	2000 W	<b>Conexión por defecto</b>	6700 W
<b>Boiler heating element power</b>	6000 W	<b>Opción de conexión eléctrica</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
<b>Wash pump power</b>	700 W		

## Interface

<b>Pantalla</b>	TFT	<b>Alerta falta de detergente</b>	Sí
<b>Botón ON/OFF</b>	Sí	<b>Alerta de progreso del ciclo</b>	Sí
<b>Alerta de sal</b>	Sí	<b>Alerta de fin de ciclo</b>	Sí
<b>Alerta de falta de abrillantador</b>	Sí	<b>Diagnóstico manual</b>	Sí

## Construcción

<b>Cuba</b>	Produndidad del dibujo	<b>Guías de estante</b>	En relieve
<b>Construcción de la cuba</b>	Pared Doble	<b>Hood elevation system</b>	Manual
<b>Material de la cuba</b>	Acero inoxidable AISI 304	<b>Bomba de desagüe</b>	Sí
<b>Panel trasero</b>	Galvanizado	<b>Capacidad de la cuba</b>	11 l
<b>Puerta equilibrada</b>	Sí	<b>Volumen del calderín</b>	6,5 l
<b>Upper wash system</b>	Un brazo rociador para lavado y un brazo rociador para aclarado, de acero inoxidable.	<b>Ruido</b>	Lpa 56,5 dBA
<b>Lower wash system</b>	Un brazo rociador para lavado y un brazo rociador dividido para aclarado, de acero inoxidable.	<b>Clase de protección</b>	IPX4
<b>Filtro de la cuba</b>	Acero inoxidable	<b>Adjustable feet</b>	Sí
<b>Junta de la puerta</b>	En 3 lados	<b>Profundidad de carga</b>	600 mm

## Equipo accesorios incluidos

<b>Cesta de platos</b>	PB50D01	<b>Tubería de suministro de agua</b>	Si - 2m
<b>Cesta de cubiertos</b>	PHOOS02	<b>Tubo de desagüe</b>	Si - 2m
<b>Cesta plana</b>	1x PB50G02		

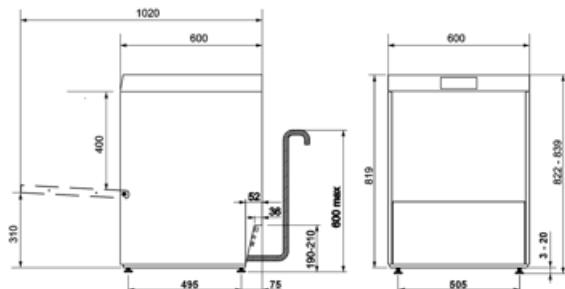
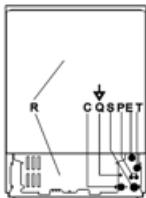
## Equipamiento

<b>Bomba de desagüe</b>	Sí	<b>Option for auto daily switch on</b>	Si, por defecto desactivado
<b>Peristaltic detergent dispenser</b>	Si, control electrónico	<b>Contador de ciclos</b>	Sí
		<b>Tanque de rotura</b>	Sí

<b>Peristaltic rinse-aid dispenser</b>	Si, control electrónico	<b>Renovación parcial del agua en el tanque e incorporación bomba de drenaje</b>	Sí
<b>Nivel de productos químicos</b>	Si, opcional KITSONLIV		
<b>Descalcificador incorporado</b>	Sí	<b>Diámetro del tubo de entrada de agua</b>	Si - 1,5m
<b>Rinse boiler Thermostop system</b>	Yes - default	<b>Diámetro del tubo de desagüe</b>	Si - 2m
<b>Wash tank Thermostop system</b>	Sí	<b>Dosificador de detergente peristáltico</b>	Si, manual
<b>Wash pump soft start system</b>	Sí	<b>Dosificador de detergente peristáltico</b>	Si, manual
<b>Stand-by system</b>	Sí		

## Datos logísticos

<b>Ancho del producto empaquetado</b>	660 mm	<b>Dimensiones del producto embalado</b>	990X660X700
<b>Profundidad producto embalado</b>	700 mm	<b>Peso neto</b>	62,000 kg
<b>Altura del producto embalado</b>	990 mm	<b>Peso bruto (kg)</b>	70,000



<b>R</b>	PANNELLO RETRO LOWER BACK PANEL
<b>Q</b>	MORSSETTO EQUIPOTENZIALE EARTH TERMINAL
<b>P</b>	CALIBI POMPE PERISTALTICHE PERISTALTIC HOSE
<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

## Accesories Compatible

### KITDETAKCC500



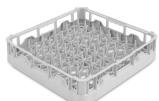
Kit for detergent (1l) and rinse aid (1l) storage for double wall models

### KITSONLIV

Probe level kit



### PB50D01



Cesta de polipropileno para 18 platos, 500x500x105 mm

### PB50G01



Universal flat bottom polypropylene basket, dim. (WxDxH) 500x500x100 mm

### PHOOS01



### PHOOS02

### WB50D01



Cesta de alambre para 18 platos 250 mm máx. bandejas de diámetro o autoservicio, 500X500mm



### WB50G01

Cesta de alambre universal con fondo plano, 500x500x123 mm

### WB50G02



Cesta de alambre para vasos de 90 mm de diámetro máximo con fondo inclinado, 500x500x170 mm



### WB50G03

Cesta de alambre para vasos de 72 mm de diámetro con fondo inclinado, 500x500x235 mm

### WB50G04



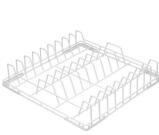
Cesta de alambre para vasos de 135 mm de diámetro máximo, con fondo inclinado, 500x500x170 mm



### WB50PG5

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

### WB50T02



Cesta de alambre para 7 bandejas GN1/1 h 20 mm, 500x500 mm



### WH00S01



### WS5

Estructura inferior para lavavasos 500, 595x595x490 mm

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## Symbols glossary

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 THERMODESINFECTION A0=30

 THERMODESINFECTION A0=60

 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.

## 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.