

UD522D

Product Family	Dishwasher
Subfamily	Undercounter dishwashers
Type	Double basket
Basket dimensions	500x500 mm
Rinse pump	HTR system
Wash pump	Standard
Default power supply	400 V 3N~ / 12 A / 6,7 kW / 50 Hz



Target

Potential users	Bars/Cafes; Hotels; Offices; QSR
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Aesthetics

Series	Topline	Led colour	White
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Technical Features

Water consumption per cycle	3,2 l	Usable load height	400 mm
Warm water connection	8°C	Depth with door open	1020 mm
Max. inlet temperature	60°C	Configuration 1: lower basket maximum height for glasses / upper basket for dishes	110mm e 225mm
Max water hardness	12°F - 7°dH	Configuration 2: lower and upper basket set at maximum height	190mm e 145mm
Water inlet pressure	1-6 bar / 100-600 kPa	Maximum plate diameter upper basket	225 mm
Detergent flow rate	1.5 l/h	Dimensions	600x600x822 mm
Rinse aid flow rate	0.4 l/h		

Programmes

Programs	13 automatic programs; 1 fully programmable program; Self-cleaning programs; Cold water rinse program
Program options	Extra rinse; Clean water cycle

Maximum baskets/hour	72
Maximum plates/hour	1296

Electrical Connection

Tank heating element power	2000 W	Default connection	6700 W
Boiler heating element power	6000 W	Electrical connection options	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	700 W		

Interface

Display	TFT	Cycle progress indicator	Yes
On/off indicator	Yes	End of cycle indicator	Yes
Low rinse aid alert	Yes	Manual diagnostics	Yes
Low detergent alert	Yes		

Construction

Tank Construction	Deep drawn Double wall	Rack guides	Embossed low, telescopic up
Tank material	Stainless steel AISI 304	Hood elevation system	Manual
Back panel	Galvanized	Filter	5-stages filter system
Counter balanced door	Yes	Wash tank capacity	11 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	Boiler capacity	6,5 l
Lower washing system	One washing and one split rinse spray arms, stainless steel	Protection class	IPX4
Tank filter	Stainless steel	Adjustable feet	Yes
Door gasket	On 3 sides	Drain max. height	600 mm

Accessories Included

Plate basket	PB50D01	Grids	1 x WG500
Cutlery basket	2x PHOOS01	Water supply pipe	Yes - 2m
Flat basket	PB50G02	Drain pipe	Yes - 2m

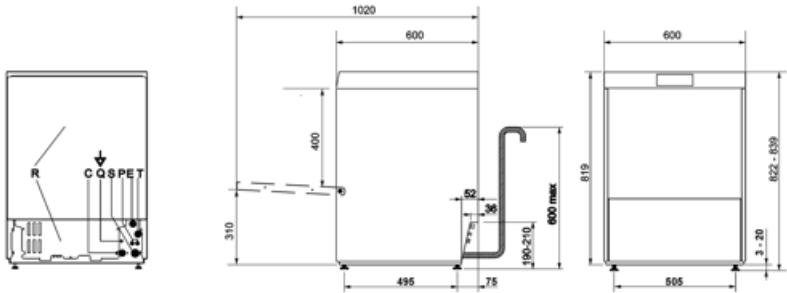
Equipment

Drain pump	Yes	Option for auto daily switch on	Yes
Peristaltic detergent dispenser	Yes, electronic control	Cycle counter	Yes
Peristaltic rinse-aid dispenser	Yes, electronic control	Break tank	Yes
Chemical level probe	Yes, optional KITSONLIV		

Rinse boiler Thermostop system	Yes - default	Partial water exchange in the wash tank via built-in drain pump	Yes
Wash tank Thermostop system	Yes	Water supply pipe diameter	16 mm
Wash pump soft start system	Yes	Drain supply pipe diameter	21.5 mm
Stand-by system	Yes	Detergent (red) hose length	Yes, manual
		Rinse aid (blue) hose length	Yes, manual

Logistic Information

Packed width	660 mm	Dimensions of the packed product (mm)	990X660X700
Packaged depth	700 mm	Net weight (kg)	62,000 kg
Height (mm) packed	990 mm	Gross weight (kg)	70,000



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

Compatible Accessories



KITDETKCC500

Kit for detergent (1l) and rinse storage (1l) for dishwashers 500x500



KITSONLIV

Probe level kit



PB50D01

Basket made of polypropylene for 18 plates 500x500



PB50G01

Universal basket in polypropylene 500x500



PHOOS01

Single basket in polypropylene for cutlery



PHOOS02

Basket in polypropylene for cutlery with 6 compartments



WB50D01

Wire basket for 18 dishes and trays 500x500



WB50G01

Universal wire basket with flat bottom 500x500



WB50G02

Wire basket for glasses with inclined bottom 500x500



WB50G03

Wire basket for glasses with inclined bottom 500x500



WB50G04

Wire basket for glasses with inclined bottom 500x500



WB50PG5

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



WB50T02

Wire basket for 5 trays 600x500



WH00S01

Wire insert for 12 small dishes




WS5


Underframe for glasswashers 500mm


Symbols glossary

 THERMODESINFECTION A0=30

 v

 Suitable for 1/1GN trays

 HTR rinsing system

 Max usable height 400mm

 5 STAGE FILTER

Benefit

Balanced door

Effortless opening and closing

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.

Integral double skin

Thermal and acoustic insulation guaranteed

The double wall is designed to optimise energy efficiency by reducing heat loss and accelerating water heating, resulting in lower energy consumption and faster cycle start-up times. Additionally, it provides effective acoustic insulation, helping to reduce noise and ensuring a quieter, more comfortable working environment for the 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.