

UD505DUK

Product Family	Dishwasher
Type	Undercounter dishwashers
Basket dimensions	500x500 mm
Control Panel	Electronic
Rinse pump	HTR system
Default power supply	230 V 3~ / 16 A / 5,7 kW / 60 Hz
Dimensions	578x600x814 mm



Target

Industries	Hotels; Ristoranti / Catering; QSR
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Aesthetics

Led colour	Red	Series	Ecoline
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Technical Features

Water consumption per cycle	3,2 l	Detergent flow rate	1.5 l/h
Min. water connection temperature	8°C	Rinse aid flow rate	0.4 l/h
Max. inlet temperature	60°C	Usable load height	340 mm
Max water hardness	12°f - 7°dH	Depth with door open	1000 mm
Water inlet pressure	1-6 bar / 100-600 kPa		

Programmes

Programs	3 automatic programs; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Maximum baskets/hour	40
Maximum plates/hour	720

Electrical Connection

Tank heating element power	2000 W	Default connection	5650 W
Boiler heating element power	4960 W	Electrical connection options	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; 230 V~ / 25 A / 5,7 kW / 60 Hz; 400 V 3N~ / 12 A / 5,7 kW / 60 Hz
Wash pump power	680 W	Plug	(F;E) Schuko

Interface

Display	4 digit	On/off indicator	Yes
Number of buttons	5	Manual diagnostics	Yes

Construction

Tank Construction	With printed base	Filter	4-stages filter system
Tank material	Single skinned	Wash tank capacity	16 l
Back panel	Stainless steel AISI 304	Boiler capacity	6 l
Tank filter	Galvanized	Noise level	Lpa 55.5 dBA
Door gasket	Plastic	Protection class	IPX4
Rack guides	Top only	Adjustable feet	Yes
	Embossed	Drain max. height	600 mm

Accessories Included

Plate basket	PB50D01	Water supply pipe	Yes - 1.5m
Cutlery basket	PHOOS02	Drain pipe	Yes - 2m
Flat basket	PB50G02		

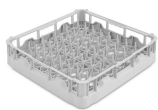
Equipment

Drain pump	Yes	Cycle counter	Yes
Peristaltic detergent dispenser	Yes, electronic control	Break tank	Yes
Peristaltic rinse-aid dispenser	Yes, electronic control	Partial water exchange in the wash tank via built-in drain pump	Yes
Chemical dosing	gr/lit	Water supply pipe diameter	DN15 - ½"
Rinse boiler Thermostop system	Yes - default	Drain supply pipe diameter	DN20-G 3/4"
Wash pump soft start system	Yes	Detergent (red) hose length	2,2 m
Stand-by system	Yes	Rinse aid (blue) hose length	2,2 m
Option for auto daily switch on	Yes		

Logistic Information

EAN code	8017709224141	Net weight (kg)	56.000 kg
Packed product dimensions (WxDxH)	990x660x700 mm	Gross weight (kg)	64.000 kg

Compatible Accessories



PB50D01

Basket made of polypropylene for 18 plates
500x500



PHOOS01

Single basket in polypropylene for
cutlery



PHOOS02

Basket in polypropylene for cutlery with
6 compartments



WH00S01

Wire insert for 12 small dishes



WS5

Underframe for glasswashers 500mm

Benefit

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 3th 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.

Door

Split and balanced doors for maximum ergonomics, with double-skin construction

The split, balanced doors are designed to ensure maximum ergonomics during the loading and unloading of utensils, making the process easier and minimising operator effort. Furthermore, the double-skin construction not only provides a robust structure but also ensures excellent thermal and acoustic insulation, helping to maintain a consistent internal temperature and reduce noise levels during operation, further enhancing the user experience.

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.