

UD505D

Family	Professional dishwasher
Subfamily	Undercounter dishwashers
Line	Ecoline
Basket dimensions	500x500 mm
Rinse pump	HTR system
Wash pump	Standard



Accessories Included

Dish basket	1x PB50D01	Water supply hose	Yes - 1,5m
Cutlery basket	1x PHOOS02	Drain hose	Yes - 2m
Flat basket	1x PB50G02		

Target

Solutions	Hotels; Restaurants/Pubs; QSR
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Programs

Programs	3 automatic programs; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program specifications	Boiler 85°C/Tank 60°C - 2'30"; Boiler 85°C/Tank 60°C - 4'; Boiler 85°C/Tank 60°C - 1'30"
Maximum basket/hour	40
Maximum dishes/hour	720

Interface

Display	4 digit	On/Off button	Yes
Number of buttons	5	Manual diagnostic	Yes

Construction

Tank	Deep drawn	Hood elevation system	Manual
Construction	Partial double wall	Filter	4-stages filter system
Tank material	Stainless steel AISI 304	Tank capacity	16 l
Back panel	Galvanized	Boiler capacity	6 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	Noise	Lpa 55,5 dBA
Lower washing system	One washing and one combined rinse spray arms, stainless steel and plastic	Protection class	IPX4
Tank filter	Plastic	Adjustable feet	Yes
Door gasket	Only up	Drain max. height	600 mm
Rack guides	Embossed		

Technical Features

Tank heating element power	2000 W	Max water hardness	12°F - 7°dH
Boiler heating element power	4960 W	Inlet pressure	1-6 bar / 100-600 kPa
Wash pump power	680 W	Detergent load	1,5 l/h
Default connection	5650 W	Rinse load	0,4 l/h
Water consumption per cycle	3,2 l	Usable load height	340 mm
Min. water connection temperature	8°C	Depth with open door	1000 mm
Max. inlet temperature	60°C	Product dimensions WxDxH	578x600x814 mm

Electrical Connection

Power connection	400 V 3N~ / 12 A / 5,7 kW / 50 Hz	Optional electrical connection	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
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Equipments

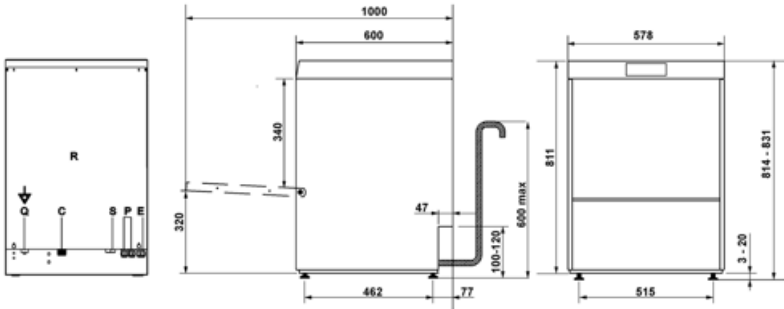
Drain pump	Yes	Option for auto daily switch on	Yes, default OFF
Peristaltic detergent dispenser	Electronic control	Cycle counter	Yes
Peristaltic rinse-aid dispenser	Electronic control	Break tank	Yes
Default chemicals dosing unit of measure	gr/lt	Partial renewal of water in the tank and built-in drain pump	Yes
Rinse boiler Thermostop system	Yes - default	Water supply pipe diameter	DN15 - ½"
Wash tank Thermostop system	Yes	Drain supply pipe diameter	DN20-G 3/4"
Wash pump soft start system	Yes	Detergent (red) hose lenght	2,2m

Stand-by system

Yes

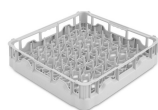
Rinse aid (blue) hose lenght

2,2m



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

Compatible Accessories



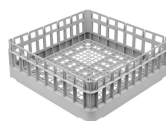
PB50D01

Polypylene basket for 18 plates,
500x500x105 mm



PHOOS01

Polypropylene single basket for cutlery



PB50G02

Universal flat bottom polypropylene
basket, 500x500x170 mm



PHOOS02

6 compartments polypropylene
basket for cutlery



WB50D01

Wire basket for 18 dishes 250 mm max.
diameter or self service trays, 500X500
mm



WB50G01

Universal wire basket with flat
bottom, 500x500x123 mm



WB50G02

Wire basket for 90 mm diameter max
glasses with sloped bottom,
500x500x170 mm



WB50G03

Wire basket for 72 mm diameter
glasses with inclined bottom,
500x500x235 mm



WB50G04

Wire basket for glasses 135 mm
diameter max, with sloped bottom,
500x500x170 mm



WB50PG5

Wire basket for no. 25 plastic glasses
with flat bottom, 500x500x260 mm



WB50T02

Wire basket for 7 trays GN1/1 h 20 mm,
500x500 mm



WH00S01

Wire insert for 12 small dishes



WS5

Underframe for glasswashers and
dishwashers 500, 595x595x490 mm

Symbols glossary



SUITABLE FOR GASTRONORM TRAY



HTR RINSING SYSTEM



4 STAND FILTER



MAX.USABLE HEIGHT 340mm

Benefit (TT)

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.

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 double-skin design of the Ecoline features dual insulation on the door, top, and rear panel, while the side panels have a single layer of insulation. This structure 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.