

# UD516DSUK

Product Family	Dishwasher
Subfamily	Undercounter traywasher
Basket dimensions	500x500 mm
Control Panel	Electronic
Rinse pump	HTR system
Wash pump	Standard
Default power supply	400 V 3N~ / 12 A / 6,73 kW / 50 Hz



## Target

Industries	Bakeries / Pastry shops; Food Industries; Butcher's shops; Meat processing industry; QSR
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## Aesthetics

Series	Topline	Led colour	Green
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## Technical Features

Trays washing option	Yes	Detergent flow rate	1.5 l/h
Water consumption per cycle	3,2 l	Rinse aid flow rate	0.4 l/h
Warm water connection	8°C	Usable load height	400 mm
Max. inlet temperature	60°C	Depth with door open	1020 mm
Max water hardness	54°F - 30°dH	Dimensions	600x675x822 mm
Water inlet pressure	1-6 bar / 100-600 kPa		

## Programmes

Programs	6 automatic programs; 1 fully programmable program; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Maximum baskets/hour	51
Maximum plates/hour	720

## Electrical Connection

<b>Tank heating element power</b>	2000 W	<b>Default connection</b>	6730 W
<b>Boiler heating element power</b>	4500 W	<b>Electrical connection options</b>	230 V 3~ / 16 A / 5,7 kW / 60 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; 400 V 3N~ / 12 A / 5,7 kW / 50 Hz
<b>Wash pump power</b>	730 W		

## Interface

<b>Display</b>	8 digit	<b>Low detergent alert</b>	Yes
<b>On/off indicator</b>	Yes	<b>Cycle progress indicator</b>	Yes
<b>Salt light indicator</b>	Yes	<b>End of cycle indicator</b>	Yes
<b>Low rinse aid alert</b>	Yes	<b>Manual diagnostics</b>	Yes

## Construction

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

## Accessories Included

<b>Plate basket</b>	PB50D01	<b>Tray basket</b>	WB50T03
<b>Cutlery basket</b>	PHOOS02	<b>Water supply pipe</b>	Yes - 2m
<b>Flat basket</b>	PB50G01	<b>Drain pipe</b>	Yes - 2m
<b>Grids</b>	1 x WG500		

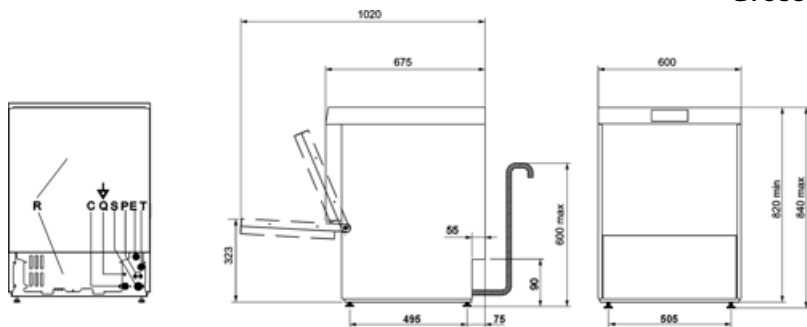
## Equipment

<b>Drain pump</b>	Yes	<b>Stand-by system</b>	Yes
<b>Peristaltic detergent dispenser</b>	Yes, electronic control	<b>Option for auto daily switch on</b>	Yes
<b>Peristaltic rinse-aid dispenser</b>	Yes, electronic control	<b>Cycle counter</b>	Yes
		<b>Break tank</b>	Yes

Chemical level probe	Yes, optional KITSONLIV	Partial water exchange in the wash tank via built-in drain pump	Yes
Chemical dosing	gr/lt	Water supply pipe diameter	16 mm
Integral continuous water softener	Yes	Drain supply pipe diameter	21.5 mm
Rinse boiler Thermostop system	Yes - default	Detergent (red) hose length	Yes, manual
Wash tank Thermostop system	Yes	Rinse aid (blue) hose length	Yes, manual
Wash pump soft start system	Yes		

## Logistic Information

Packed width	660 mm	Dimensions of the packed product (mm)	990X660X700
Packaged depth	700 mm	Net weight (kg)	68,000 kg
Height (mm) packed	990 mm	Gross weight (kg)	76,000



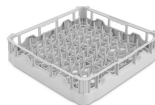
<b>R</b>	PANNELLO RETRO LOWER BACK PANEL
<b>Q</b>	MORSETTO EQUIPOTENZIALE EARTH TERMINAL
<b>P</b>	TUBI POMPE PERISTALTICHE PERISTALTIC HOSES
<b>E</b>	CAVO ALIMENTAZIONE ELETTRICA ELECTRICITY SUPPLY CABLE
<b>S</b>	TUBO DI SCARICO DRAIN HOSE
<b>T</b>	ENTRATA CAVO DI ALIMENTAZIONE DOSATORE ESTERNO EXTERNAL DISPENSER POWER CABLE ENTRY POINT
<b>C</b>	TUBO DI CARICO FILLER HOSE

## Compatible Accessories

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**KIT-WG500**

**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



**WB50PG5**

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



**WH00S01**

Wire insert for 12 small dishes



**WS5**

Underframe for glasswashers 500mm

## Symbols glossary

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Suitable for 1/1GN trays



HTR rinsing system



5 STAGE FILTER



Max usable height 400mm

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## Benefit

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### 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.

### 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 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.

### **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.