

# UD516DSUK

<b>Product Family</b>	Dishwasher
<b>Type</b>	Undercounter traywasher
<b>Basket dimensions</b>	500x500 mm
<b>Control Panel</b>	Electronic
<b>Rinse pump</b>	HTR system
<b>Wash pump</b>	Standard
<b>Default power supply</b>	400 V 3N~ / 12 A / 6,73 kW / 50 Hz
<b>Dimensions</b>	600x675x822 mm



## Target

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

<b>Led colour</b>	Green	<b>Series</b>	Topline
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## Technical Features

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

## Programmes

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

## Electrical Connection

<b>Tank heating element power</b>	2000 W	<b>Default connection options</b>	6730 W 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>Boiler heating element power</b>	4500 W	<b>Plug</b>	No

## 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</b>	Deep drawn	<b>Rack guides</b>	Embossed
<b>Construction</b>	Double wall	<b>Hood elevation system</b>	Manual
<b>Tank material</b>	Stainless steel AISI 304	<b>Filter</b>	5-stages filter system
<b>Back panel</b>	Galvanized	<b>Wash tank capacity</b>	11 l
<b>Counter balanced door</b>	Yes	<b>Boiler capacity</b>	6.5 l
<b>Upper washing system</b>	One washing and one split rinse spray arms, stainless steel	<b>Protection class</b>	IPX4
<b>Lower washing system</b>	One washing and one split rinse spray arms, stainless steel	<b>Adjustable feet</b>	Yes
<b>Tank filter</b>	Stainless steel	<b>Drain max. height</b>	600 mm
<b>Door gasket</b>	On 3 sides		

## 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		

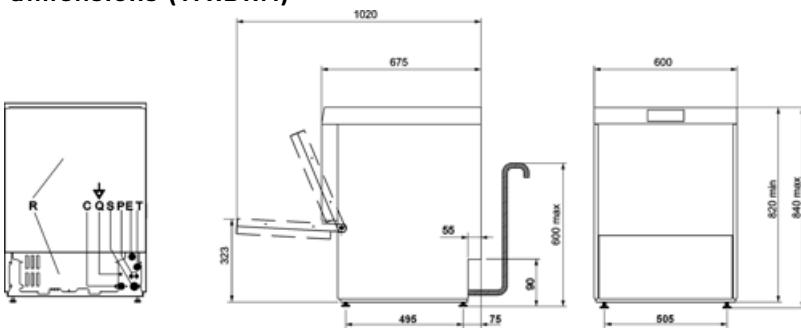
## Equipment

<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>Cycle counter</b>	Yes

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

## Logistic Information

<b>EAN code</b>	8017709255688	<b>Net weight (kg)</b>	68.000 kg
<b>Packed product dimensions (WxDxH)</b>	990x660x700 mm	<b>Gross weight (kg)</b>	76.000 kg



<b>R</b>	PANNELLO RETRO LOWER BACK PANEL
<b>Q</b>	TERZO TUTTO EQUIPOLENTIALE 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

**KIT-WG500**



**PHOOS01**



Single basket in polypropylene for cutlery

**WB50PG5**



Wire basket with flat bottom for 25 plastic glasses, max. H 230 mm, min.-max. Ø 36-95 mm, dim. (WxDxH) 500x500x260 mm



**WS5**

Underframe for glasswashers 500mm

**PB50D01**



Basket made of polypylene for 18 plates 500x500

**PHOOS02**



Basket in polypropylene for cutlery with 6 compartments



**WH00S01**

Wire insert for 12 small dishes

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## Symbols glossary

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Suitable for 1/1GN trays



HTR rinsing system



Max usable height 400mm



5 STAGE FILTER

## 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.