

# FD516DAUS

|                          |                                    |
|--------------------------|------------------------------------|
| Family                   | Dishwasher                         |
| Subfamily                | Undercounter Glasswasher           |
| Type                     | Undercounter traywasher            |
| Basket dimensions        | 500x500 mm                         |
| Control panel            | Electronic                         |
| Rinse pump               | Yes                                |
| Wash pump                | Standard                           |
| Power connection         | 400 V 3N~ / 12 A / 6,73 kW / 50 Hz |
| Product dimensions WxDxH | 600x675x1315 mm                    |



## Distribution

|            |                                                                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Industries | Hotels; Ristoranti /<br>Catering; Bakeries / Pastry<br>shops; Food Industries;<br>Catering; Butcher's shops;<br>Meat processing industry;<br>QSR |
|------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

## Aesthetics

|           |       |       |          |
|-----------|-------|-------|----------|
| Led color | Green | Serie | Easyline |
|-----------|-------|-------|----------|

## Technical Features

|                                     |             |                         |             |
|-------------------------------------|-------------|-------------------------|-------------|
| Trays washing option                | Yes         | Water inlet             | Cold 15°C   |
| Water consumption per cycle         | 3,2 l       | Detergent load          | Yes, manual |
| Water inlet                         | 8°C         | Rinse load              | Yes, manual |
| Minimum water consumption per cycle | 1,8 l       | Usable load height      | 400 mm      |
| Max. inlet temperature              | 60°C        | Depth with open door    | 1290 mm     |
| Max water hardness                  | 12°f - 7°dH | Maximum dishes diameter | 415 mm      |

## Programs

|                 |                                                                               |
|-----------------|-------------------------------------------------------------------------------|
| Programs        | 6 automatic programs; 1 fully programmable program;<br>Self-cleaning programs |
| Program options | Extra rinse; Clean water cycle                                                |

|                     |      |
|---------------------|------|
| Maximum basket/hour | 60   |
| Maximum dishes/hour | 1080 |

## Electrical Connection

|                              |        |                              |                                                                                                |
|------------------------------|--------|------------------------------|------------------------------------------------------------------------------------------------|
| Tank heating element power   | 2000 W | Default connection           | 6730 W                                                                                         |
| Boiler heating element power | 6000 W | Electrical connection option | 230 V~ / 13 A / 3,0 kW / 50 Hz; 230 V~ / 18 A / 4,0 kW / 50 Hz; 230 V~ / 22 A / 5,0 kW / 50 Hz |
| Wash pump power              | 730 W  | Plug                         | Australian 13 AMP                                                                              |

## Interface

|                         |         |                      |     |
|-------------------------|---------|----------------------|-----|
| Display                 | 8 digit | Cycle progress alert | Yes |
| On/Off button           | Yes     | End-cycle alert      | Yes |
| Rinse aid missing alert | Yes     | Manual diagnostic    | Yes |
| Detergent missing alert | Yes     |                      |     |

## Construction

|                      |                                                             |                       |                        |
|----------------------|-------------------------------------------------------------|-----------------------|------------------------|
| Tank Construction    | Deep drawn Double wall                                      | Rack guides           | Embossed               |
| Tank material        | Stainless steel AISI 304                                    | Hood elevation system | Manual                 |
| Back panel           | Galvanized                                                  | Filter                | 5-stages filter system |
| Balanced door        | Yes                                                         | Tank capacity         | 11 l                   |
| Upper washing system | One washing and one split rinse spray arms, stainless steel | Boiler capacity       | 6 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

|             |            |                   |                      |
|-------------|------------|-------------------|----------------------|
| Flat basket | 1x PB50G02 | Water supply pipe | In acciaio Watermark |
| Grids       | 1 x PRF500 | Drain pipe        | Yes - 2m             |

## Equipments

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

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**Rinse boiler Thermostop system**    Yes - default

**Wash tank Thermostop system**    Yes

**Wash pump soft start system**    Yes

**Stand-by system**    Yes

**Partial renewal of water in the tank and built-in drain pump**    Yes

**Water supply pipe diameter**    16 mm

**Drain supply pipe diameter**    21,5 mm

**Peristaltic detergent doser**    Yes, manual

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## Logistic Information

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**EAN code**    8017709283889  
**Packed product dimensions (WxDxH)**    1470x660x700 mm

**Net weight**    88,000 kg  
**Gross weight (kg)**    98,000 kg

## Compatible Accessories



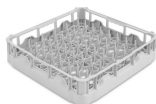
### KITSONLIV

Probe level kit



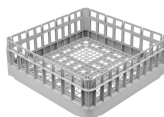
### KIT-WG500

Support grid for tray washer, dim. (WxD) 500x500 mm



### PB50D01

Basket made of polypylene for 18 plates 500x500



### PB50G02

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



### WB50T02

Wire basket for 5 trays 600x500



### WB50T03

Wire basket for 5 trays 600x500



### WH00S01

Wire insert for 12 small dishes

## Symbols glossary

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Max usable height 400mm



5 STAGE FILTER

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## Benefit (TT)

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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.

### 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.

## **Raised version**

### **Easy and fast dishwasher loading and unloading operations**

The raised design facilitates loading and unloading dishes, making these tasks faster and more efficient. This results in significant time savings, especially valuable in high-intensity work environments.

The space below the dishwasher can be used to store detergents, utensils, or other accessories, providing a practical solution to optimise space usage, particularly in compact kitchens.

## **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.