

# UD516D

|                           |                                     |
|---------------------------|-------------------------------------|
| <b>Família</b>            | Máquina de lavar louça profissional |
| <b>Type</b>               | Undercounter traywasher             |
| <b>Dimensões do cesto</b> | 500x500 mm                          |
| <b>Painel de comandos</b> | Controlo eletrónico da temperatura  |
| <b>Rinse pump</b>         | HTR system                          |
| <b>Ligação energética</b> | 400 V 3N~ / 12 A / 6,73 kW / 50 Hz  |



## Mercado

|                   |                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------|
| <b>Industries</b> | Bakeries / Pastry shops;<br>Food Industries; Retalho alimentar; Outras indústrias de comida; QSR |
|-------------------|--------------------------------------------------------------------------------------------------|

## Design

|               |          |                     |       |
|---------------|----------|---------------------|-------|
| <b>Design</b> | Easyline | <b>Cor dos LEDs</b> | Verde |
|---------------|----------|---------------------|-------|

## Especificações técnicas

|                                                    |                       |                                      |                |
|----------------------------------------------------|-----------------------|--------------------------------------|----------------|
| <b>Water consumption per cycle</b>                 | 3,2 l                 | <b>Carga de detergente</b>           | 1,5 l/h        |
| <b>Temperatura pré-definida de ligação da água</b> | 5°C                   | <b>Carga de enxaguamento</b>         | 0,4 l/h        |
| <b>Max. inlet temperature</b>                      | 60°C                  | <b>Altura de carga operável</b>      | 400 mm         |
| <b>Dureza máxima da água</b>                       | 12°F - 7°dH           | <b>Profundidade com porta aberta</b> | 1020 mm        |
| <b>Pressão de entrada</b>                          | 1-6 bar / 100-600 kPa | <b>Dimensões de produto LxPxA:</b>   | 600x675x822 mm |

## Programas

|                                     |                                                                            |
|-------------------------------------|----------------------------------------------------------------------------|
| <b>Programs</b>                     | 6 automatic programs; 1 fully customizable program; Self-cleaning programs |
| <b>Program options</b>              | Extra rinse; Clean water cycle                                             |
| <b>Numero máximo de cestos/hora</b> | 51                                                                         |

Numero máximo de pratos/hora

720

## Ligação elétrica

Tank heating element power 2000 W  
Boiler heating element power 6000 W  
Wash pump power 730 W

Ligação pré-definida 6730 W  
Ligação eléctrica opcional 230 V 3~ / 19 A / 6,7 kW / 50 Hz; 230 V~ / 12 A / 2,7 kW / 50 Hz; 230 V~ / 16 A / 3,7 kW / 50 Hz; 230 V~ / 21 A / 4,7 kW / 50 Hz

## Interface

Display 8 dígitos  
Luz indicadora On/Off Sim  
Alerta de falta de abrillantador Sim  
Alerta de falta de detergente Sim

Indicador da fase do programa Sim  
Indicador de fim do programa Sim  
Diagnóstico manual Sim

## ESPECIFICAÇÕES TÉCNICAS

Tank Pofundo  
Tipologia Parede dupla  
Material da cuba Aço Inox AISI 304  
Painel traseiro Porta galvanizada  
Porta equilibrada Sim  
Sistema de lavagem superior One wash and one split rinse spray arms, stainless steel  
Sistema de lavagem inferior One wash and one split rinse spray arms, stainless steel  
Filtro da cuba Aço inox

Junta da porta Em 3 lados  
Guias dos cestos Embutidas  
Filter 5-stage filter system  
Capacidade da cuba 11 l  
Capacidade da caldeira 6,5 l  
Classe de Proteção IPX4  
Adjustable feet Sim  
Altura max. de drenagem 600 mm

## Acessórios incluídos

Cesto para pratos 1x PB50D01  
Cesto para talheres 1x PHOOS02  
Cesto de fundo plano 1x PB50G02  
Grids 1 x KIT-WG500

Cesto para tabuleiros 1x WB50T03  
Mangueira de abastecimento de água Sim - 2m  
Mangueira de drenagem Sim - 2m

## Equipamentos

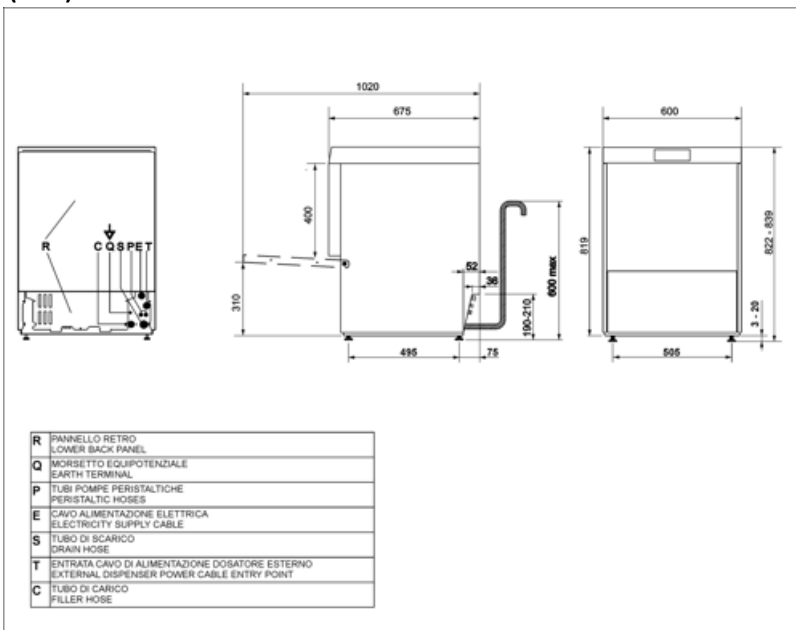
Bomba de drenagem Sim  
Peristaltic detergent dispenser Controlo eletrónico

Option for auto daily switch on Sim, desligado por definição  
Contador de ciclos Sim  
Break tank Sim

|                                                   |                         |                                                                 |             |
|---------------------------------------------------|-------------------------|-----------------------------------------------------------------|-------------|
| Peristaltic rinse-aid dispenser                   | Controlo electrónico    | Renovação parcial da água na cuba e bomba de drenagem integrada | Sim         |
| Sonda de nível químico                            | Sim, opcional KITSONLIV | Diâmetro do tudo de abastecimento de água                       | DN15 - ½"   |
| Unidade de medida da dosagem de produtos químicos | gr/lt                   | Ø do tubo de drenagem                                           | DN20-G 3/4" |
| Rinse boiler Thermostop system                    | Yes - default           | Comprimento da mangueira de detergente (vermelha)               | 2,2 m       |
| Wash pump soft start system                       | Sim                     | Comprimento da mangueira de enxaguamento (azul)                 | 2,2 m       |
| Stand-by system                                   | Sim                     |                                                                 |             |

## Dados de logística

|                                |        |                                    |                |
|--------------------------------|--------|------------------------------------|----------------|
| Largura da embalagem (mm)      | 660 mm | Dimensões do produto embalado (mm) | 990x660x700 mm |
| Profundidade da embalagem (mm) | 700 mm | Peso líquido (kg)                  | 66,000 kg      |
| Altura da embalagem (mm)       | 990 mm | Peso bruto (kg)                    | 74,000 kg      |



## Acessórios Compatíveis



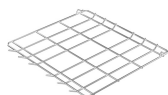
### KITDETKCC500

Kit for detergent (1l) and rinse aid (1l) storage for double wall models



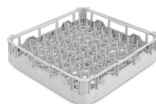
### KITSONLIV

Probe level kit



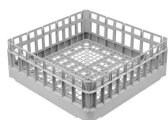
### KIT-WG500

Trays holder for trays washer



### PB50D01

Polypropylene basket for 18 plates  
Ø250 mm, dim. (WxDxH)  
500x500x105 mm



### PB50G02

Universal flat bottom polypropylene basket, dim. (WxDxH) 500x500x170 mm



### PHOOS01

Polypropylene single basket for cutlery



### PHOOS02

6 compartment polypropylene basket for cutlery



### WB50PG5

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



### WB50T02

Wire basket for 7 trays GN1/1 h 20 mm



### WB50T03

Wire basket for 6 trays GN1/1 h 60 mm and EN 600x400 mm



### WH00S01

Wire insert for 12 small dishes



### WS5

Stainless steel underframe for undercounter glasswashers and dishwashers 500 mm, dim. (WxDxH)  
595x595x490 mm

## Symbols glossary

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SUITABLE FOR EURONORM TRAY



SUITABLE FOR GASTRONORM  
TRAY



HTR RINSING SYSTEM



MAX. USABLE HEIGHT 400mm



5 STAGE FILTER

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## Benefit (TT)

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### Balanced door

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.

### 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 rinsing temperature according to the program setting. 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.

### Integral double-skin

Thermal and acoustic insulation guaranteed

The double-skin design of undercounter dishwashers is engineered to optimise energy efficiency by minimising heat loss and accelerating water heating, resulting in lower energy consumption and faster start-up times. Additionally, it provides effective sound 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.

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### 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.