

# UD516D

|                           |                                     |
|---------------------------|-------------------------------------|
| <b>Família</b>            | Máquina de lavar louça profissional |
| <b>Subfamília</b>         | Undercounter traywasher             |
| <b>Dimensões do cesto</b> | 500x500 mm                          |
| <b>Rinse pump</b>         | HTR system                          |



## Acessórios incluídos

|                             |               |   |            |
|-----------------------------|---------------|---|------------|
| <b>Cesto para pratos</b>    | 1x PB50D01    | <b>Cesto para tabuleiros</b>              | 1x WB50T03 |
| <b>Cesto para talheres</b>  | 1x PHOOS02    | <b>Mangueira de abastecimento de água</b> | Sim - 2m   |
| <b>Cesto de fundo plano</b> | 1x PB50G02    | <b>Mangueira de drenagem</b>              | Sim - 2m   |
| <b>Grids</b>                | 1 x KIT-WG500 |   |            |

## Mercado

|                 |  |
|-----------------|--|
| <b>Soluções</b> | Padarias e pastelarias;<br>Indústria de comida<br>congelada; Retalho<br>alimentar; Outras indústrias<br>de comida; QSR |
|-----------------|--|

## Programas

|                                     |  |
|-------------------------------------|--|
| <b>Programs</b>                     | 6 automatic programs; 1 fully customizable program; Self-cleaning programs   |
| <b>Program options</b>              | Extra rinse; Clean water cycle   |
| <b>Program specifications</b>       | Caldeira 71°C/Cuba 60°C - 1'20"; Caldeira 71°C/Cuba 60°C - 2'10"; Caldeira 85°C/Cuba 60°C - 60"; Caldeira 85°C/Cuba 60°C - 1'10"; Caldeira 85°C/Cuba 60°C - 3"; Caldeira 85°C/Cuba 60°C - 4'10"; Caldeira 85°C/Cuba 60°C - 1'30" |
| <b>Numero máximo de cestos/hora</b> | 51   |
| <b>Numero máximo de pratos/hora</b> | 720  |

## Interface

|   |           |                                      |     |
|---|-----------|--------------------------------------|-----|
| <b>Display</b>                          | 8 dígitos | <b>Indicador da fase do programa</b> | Sim |
| <b>Luz indicadora On/Off</b>            | Sim       | <b>Indicador de fim do programa</b>  | Sim |
| <b>Alerta de falta de abrilhantador</b> | Sim       | <b>Diagnóstico manual</b>            | Sim |
| <b>Alerta de falta de detergente</b>    | Sim       |                                      |     |

## ESPECIFICAÇÕES TÉCNICAS

|                                    |  |                                |                       |
|------------------------------------|--|--------------------------------|-----------------------|
| <b>Tank</b>                        | Pofundo  | <b>Junta da porta</b>          | Em 3 lados            |
| <b>Tipologia</b>                   | Parede dupla   | <b>Guias dos cestos</b>        | Embutidas             |
| <b>Material da cuba</b>            | Aço Inox AISI 304  | <b>Filter</b>                  | 5-stage filter system |
| <b>Painel traseiro</b>             | Porta galvanizada  | <b>Capacidade da cuba</b>      | 11 l                  |
| <b>Porta equilibrada</b>           | Sim  | <b>Capacidade da caldeira</b>  | 6,5 l                 |
| <b>Sistema de lavagem superior</b> | One wash and one split rinse spray arms, stainless steel | <b>Classe de Proteção</b>      | IPX4                  |
| <b>Sistema de lavagem inferior</b> | One wash and one split rinse spray arms, stainless steel | <b>Adjustable feet</b>         | Sim                   |
| <b>Filtro da cuba</b>              | Aço inox   | <b>Altura max. de drenagem</b> | 600 mm                |

## Especificações técnicas

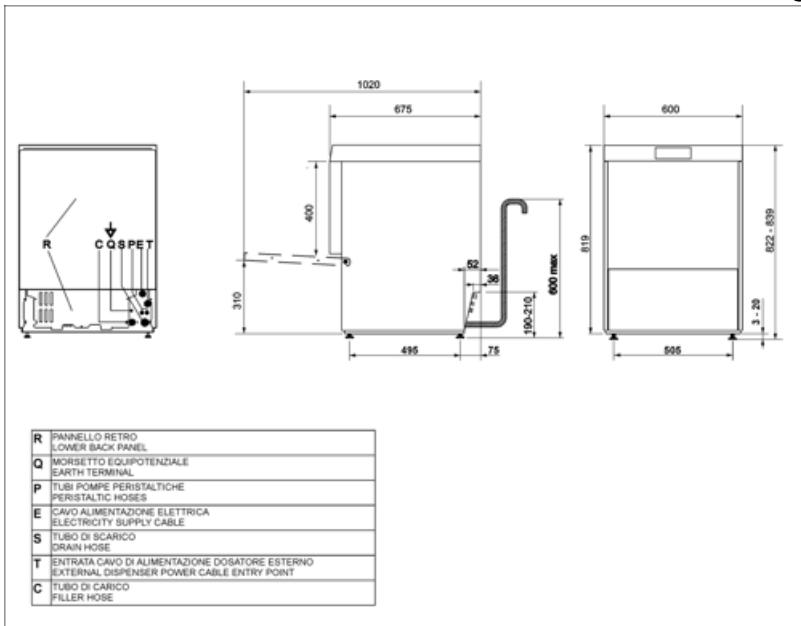
|  |        |                                      |                       |
|--|--------|--------------------------------------|-----------------------|
| <b>Tank heating element power</b>                  | 2000 W | <b>Dureza máxima da água</b>         | 12°f - 7°dH           |
| <b>Boiler heating element power</b>                | 6000 W | <b>Pressão de entrada</b>            | 1-6 bar / 100-600 kPa |
| <b>Wash pump power</b>                             | 730 W  | <b>Carga de detergente</b>           | 1,5 l/h               |
| <b>Ligaçāo pré-definida</b>                        | 6730 W | <b>Carga de enxaguamento</b>         | 0,4 l/h               |
| <b>Water consumption per cycle</b>                 | 3,2 l  | <b>Altura de carga operável</b>      | 400 mm                |
| <b>Temperatura pré-definida de ligação da água</b> | 5°C    | <b>Profundidade com porta aberta</b> | 1020 mm               |
| <b>Max. inlet temperature</b>                      | 60°C   | <b>Dimensões de produto LxPxA:</b>   | 600x675x822 mm        |

## Ligaçāo elétrica

|                           |                                    |                                   |  |
|---------------------------|------------------------------------|-----------------------------------|--|
| <b>Ligaçāo energética</b> | 400 V 3N~ / 12 A / 6,73 kW / 50 Hz | <b>Ligaçāo eléctrica opcional</b> | 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 |
|---------------------------|------------------------------------|-----------------------------------|--|

## Equipamentos

|  |                         |  |                              |
|--|-------------------------|--|------------------------------|
| <b>Bomba de drenagem</b>                                 | Sim                     | <b>Option for auto daily switch on</b>                                 | Sim, desligado por definição |
| <b>Peristaltic detergent dispenser</b>                   | Controlo eletrónico     | <b>Contador de ciclos</b>  | Sim                          |
| <b>Peristaltic rinse-aid dispenser</b>                   | Controlo eletrónico     | <b>Break tank</b>  | Sim                          |
| <b>Sonda de nível químico</b>                            | Sim, opcional KITSONLIV | <b>Renovação parcial da água na cuba e bomba de drenagem integrada</b> | Sim                          |
| <b>Unidade de medida da dosagem de produtos químicos</b> | gr/lt                   | <b>Diâmetro do tudo de abastecimento de água</b>                       | DN15 - $\frac{1}{2}$ "       |
| <b>Rinse boiler Thermostop system</b>                    | Yes - default           | <b>Ø do tubo de drenagem</b>   | DN20-G 3/4"                  |
| <b>Wash pump soft start system</b>                       | Sim                     | <b>Comprimento da mangueira de detergente (vermelha)</b>               | 2,2m                         |
| <b>Stand-by system</b>                                   | Sim                     | <b>Comprimento da mangueira de enxaguamento (azul)</b>                 | 2,2m                         |



## Acessórios Compatíveis

### KITDETCCC500



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

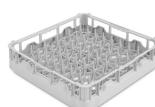
### KIT-WG500

Trays holder for trays washer



### KITSONLIV

Chemical level sensor probe kit for undercounter double wall models and hoodtype models



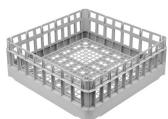
### PB50D01

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



### PHOOS01

Polypropylene single basket for cutlery



### PB50G02

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



### WB50PG5

Wire basket with flat bottom for 25 plastic glasses, dim. (WxDxH)  
500x500x260 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 glasswashers and dishwashers, dim.  
(WxDxH) 595x595x490 mm

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## Symbols glossary

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 EN SUITABLE FOR EURONORM TRAY

 GN1/1 SUITABLE FOR GASTRONORM TRAY

 HTR RINSING SYSTEM

 5 STAGE FILTER

 MAX. USABLE HEIGHT 400mm

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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.

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.

### 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.