

# UD510D

|                           |                                     |
|---------------------------|-------------------------------------|
| <b>Família</b>            | Máquina de lavar louça profissional |
| <b>Type</b>               | Undercounter dishwashers            |
| <b>Dimensões do cesto</b> | 500x500 mm                          |
| <b>Painel de comandos</b> | Controlo eletrónico da temperatura  |
| <b>Wash pump</b>          | Standard                            |
| <b>Ligação energética</b> | 400 V 3N~ / 12 A / 5,2 kW / 50 Hz   |



## Mercado

|                   |                                          |
|-------------------|------------------------------------------|
| <b>Industries</b> | Hotelaria; Ristoranti /<br>Catering; 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>                          | 2,5-6 bar / 250-600 kPa | <b>Dimensões de produto LxPxA:</b>   | 600x600x822 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                                                                         |
| <b>Numero máximo de pratos/hora</b> | 918                                                                        |

## Ligação elétrica

|                              |        |                            |                                                                                                                                  |
|------------------------------|--------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Tank heating element power   | 2000 W | Ligação pré-definida       | 5200 W                                                                                                                           |
| Boiler heating element power | 4500 W | Ligação eléctrica opcional | 230 V 3~ / 15 A / 5,2 kW / 50 Hz; 220 V~ / 12 A / 2,7 kW / 50 Hz; 230 V~ / 13 A / 2,9 kW / 50 Hz; 230 V~ / 17 A / 3,7 kW / 50 Hz |
| Wash pump power              | 700 W  |                            |                                                                                                                                  |

## Interface

|                                  |           |                               |     |
|----------------------------------|-----------|-------------------------------|-----|
| Display                          | 8 dígitos | Alerta de falta de detergente | Sim |
| Numero de botões                 | 5         | Indicador da fase do programa | Sim |
| Luz indicadora On/Off            | Sim       | Indicador de fim do programa  | Sim |
| Alerta de falta de abrillantador | Sim       | Diagnóstico manual            | Sim |

## ESPECIFICAÇÕES TÉCNICAS

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

## Acessórios incluídos

|                      |            |                                    |          |
|----------------------|------------|------------------------------------|----------|
| Cesto para pratos    | 1x PB50D01 | Mangueira de abastecimento de água | Sim - 2m |
| Cesto para talheres  | 1x PHOOS02 | Mangueira de drenagem              | Sim - 2m |
| Cesto de fundo plano | 1x PB50G02 |                                    |          |

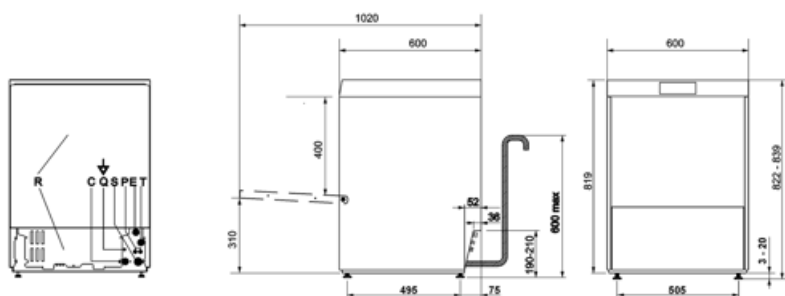
## Equipamentos

|                                 |                     |                                 |                              |
|---------------------------------|---------------------|---------------------------------|------------------------------|
| Bomba de drenagem               | Sim                 | Stand-by system                 | Sim                          |
| Peristaltic detergent dispenser | Controlo eletrónico | Option for auto daily switch on | Sim, desligado por definição |
|                                 |                     | Contador de ciclos              | 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)               | 2,2m        |
| Wash tank Thermostop system                       | Sim                     | Comprimento da mangueira de enxaguamento (azul)                 | 2,2m        |
| Wash pump soft start system                       | Sim                     |                                                                 |             |

## Dados de logística

|                                |        |                                    |             |
|--------------------------------|--------|------------------------------------|-------------|
| Largura da embalagem (mm)      | 660 mm | Dimensões do produto embalado (mm) | 990x660x700 |
| Profundidade da embalagem (mm) | 700 mm | Peso líquido (kg)                  | 58,000 kg   |
| Altura da embalagem (mm)       | 990 mm | Peso bruto (kg)                    | 62,000 kg   |



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

## Acessórios Compatíveis



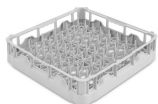
### KITDETKCC500

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



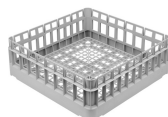
### KITSONLIV

Probe level kit



### PB50D01

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



### PB50G02

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



### PHO0GR5

Glass insert for 500x500 mm basket



### PHOOS01

Polypropylene single basket for cutlery



### PHOOS02

6 compartment polypropylene basket for cutlery



### WB50G01

Universal wire basket with flat bottom, dim. (WxDxH) 500x500x123 mm



### WB50G02

Wire basket with sloped bottom for glasses Ø90 mm max, dim. (WxDxH) 500x500x170 mm



### WB50G03

Wire basket with sloped bottom for glasses Ø72 mm max, dim. (WxDxH) 500x500x235 mm



### WB50G04

Wire basket with sloped bottom for glasses Ø135 mm max, dim. (WxDxH) 500x500x165 mm



### 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



### WH00S01

Wire insert for 12 small dishes



### WS5

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

## Symbols glossary

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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.

### 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.

### 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.