

# FD520D

Família	Máquina de lavar louça profissional
Subfamília	Undercounter dishwashers
Subfamília	Raised
Dimensões do cesto	500x500 mm
Rinse pump	HTR system
Wash pump	Standard
Ligação energética	400 V 3N~ / 12 A / 6,7 kW / 50 Hz



## 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		

## Mercado

Soluções	Bares/ Coffee shops/ Wine bars; Hotelaria; Restaurantes/ Pubs; Retalho alimentar; Catering e cantinas; QSR
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## Programas

Program options	Extra rinse; Clean water cycle
Numero máximo de cestos/hora	72
Numero máximo de pratos/hora	1296

## Interface

Display	Display TFT	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
Alerta de falta de detergente	Sim		

## ESPECIFICAÇÕES TÉCNICAS

<b>Tank</b>	Pofundo	<b>Guias dos cestos</b>	Embutidas
<b>Tipologia</b>	Parede dupla	<b>Hood elevation system</b>	Manual
<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
<b>Junta da porta</b>	Em 3 lados		

## 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>	1022 mm
<b>Pressão de entrada</b>	1-6 bar / 100-600 kPa	<b>Dimensões de produto LxPxA:</b>	600x600x1315 mm

## Ligação elétrica

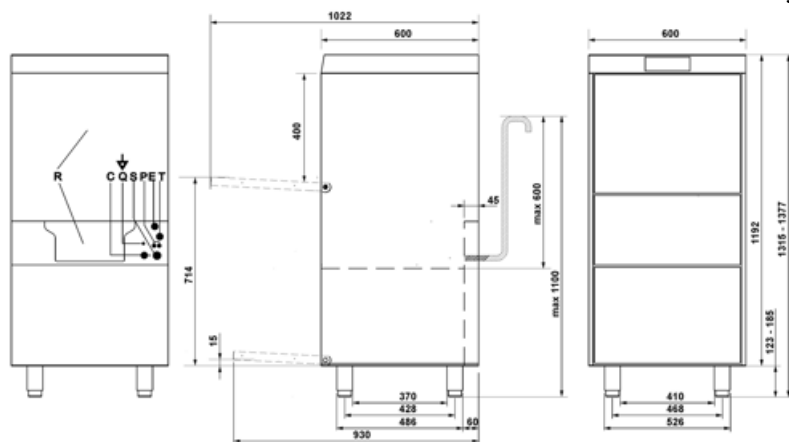
<b>Tank heating element power</b>	2000 W	<b>Ligação pré-definida</b>	6700 W
<b>Boiler heating element power</b>	6000 W	<b>Ligação eléctrica opcional</b>	230 V~ / 6,7 kW / 50 Hz; 230 V 3~ / 19 A / 6,7 kW / 50 Hz; 220 V~ / 12 A / 2,7 kW / 50 Hz; 230 V~ / 16 A / 3,7 kW / 50 Hz; 230 V~ / 21 A / 4,7 kW / 50 Hz
<b>Wash pump power</b>	700 W		

## 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>Rinse boiler Thermostop system</b>	Yes - default	<b>Diâmetro do tudo de abastecimento de água</b>	DN15 - ½"

Wash tank Thermostop system Sim  
Wash pump soft start system Sim  
Stand-by system Sim

Ø do tubo de drenagem DN20-G 3/4"  
Comprimento da mangueira de detergente (vermelha) 2,2m  
Comprimento da mangueira de enxaguamento (azul) 2,2m



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

## Acessórios Compatíveis



### KITSONLIV

Probe level kit



### PB50G01

Universal flat bottom polypropylene basket, dim. (WxDxH) 500x500x100 mm



### PHOOS02

6 compartment polypropylene basket for cutlery



### WB50G01

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



### WB50G03

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



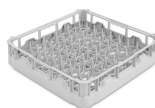
### WB50T02

Wire basket for 7 trays GN1/1 h 20 mm



### WS5

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



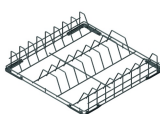
### PB50D01

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



### PHOOS01

Polypropylene single basket for cutlery



### WB50D01

Wire basket for 18 dishes Ø250 mm. or self service trays, dim. (WxDxH) 500x500x92 mm



### WB50G02

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



### WB50G04

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



### WH00S01

Wire insert for 12 small dishes

## Symbols glossary

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THERMODESINFECTION A0=30



THERMODESINFECTION A0=60



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.

### **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.