

# SPG405M

Family	Professional dishwasher
Subfamily	Undercounter glasswashers
Type	Undercounter
Crockery	Crockery; Glasses; Cutlery
Basket dimensions	400x400 mm
Control panel	Electronic
Rinse pump	HTR system
Wash pump	Standard
Power connection	230 V~ / 14 A / 3,1 kW / 50 Hz



## Target

Industries	Bar / Cafeterias / Bistros / Wine bars / Pubs; Hotels; Ristoranti / Catering; Bakeries / Pastry shops; Commercial food services
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## Aesthetics

Series	Ecoline
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## Technical Features

Water consumption per cycle	3 l	Inlet pressure	100-1000 kPa (min-max)
Wash temperature (min-max)	60 °C	Detergent load	1,5 l/h
Rinse temperature (min-max)	83 °C	Rinse load	0,4 l/h
Minimum water consumption per cycle	3 l	Usable load height	309 mm
Min. water connection temperature	5°C	Depth with open door	890 mm
Max. inlet temperature	60°C	Product dimensions WxDxH	440x555x695 mm
Max water hardness	12°f - 7°dH		

## Programs

<b>Programs</b>	3 automatic programs; Self-cleaning programs
<b>Program options</b>	Extra rinse; Clean water cycle
<b>Program table</b>	Electronic Ecoline glasswasher 400
<b>Maximum basket/hour</b>	40
<b>Maximum dishes/hour</b>	320
<b>Maximum glasses/hour</b>	1000

## Electrical Connection

<b>Plug</b>	(F;E) Schuko	<b>Wash pump power</b>	290 W
<b>Tank heating element power</b>	1400 W	<b>Default connection</b>	3100 W
<b>Boiler heating element power</b>	2700 W		

## Interface

<b>Number of buttons</b>	5	<b>Manual diagnostic</b>	Yes
<b>On/Off button</b>	Yes		

## Construction

<b>Tank Construction</b>	Deep drawn Partial double-skin	<b>Filter</b>	4-stage filter system
<b>Tank material</b>	Stainless steel AISI 304	<b>Tank capacity</b>	7 l
<b>Back panel</b>	Galvanized	<b>Boiler capacity</b>	4 l
<b>Upper wash system</b>	One wash and one split rinse spray arms, stainless steel	<b>Boiler type</b>	Artmosferic boiler
<b>Lower wash system</b>	One wash and one combined rinse spray arms, stainless steel and plastic	<b>Noise</b>	Lpa 52,6 dBA
<b>Tank filter</b>	Plastic	<b>Protection class</b>	IPX4
<b>Door gasket</b>	Only up	<b>Adjustable feet</b>	Yes
<b>Rack guides</b>	Embossed	<b>Drain max. height</b>	600 mm

## Accessories included

<b>Cutlery basket</b>	1x PHOOS01	<b>Water supply hose</b>	Yes - 1,5m
<b>Flat basket</b>	2x PB40G01	<b>Drain hose</b>	Yes - 2m

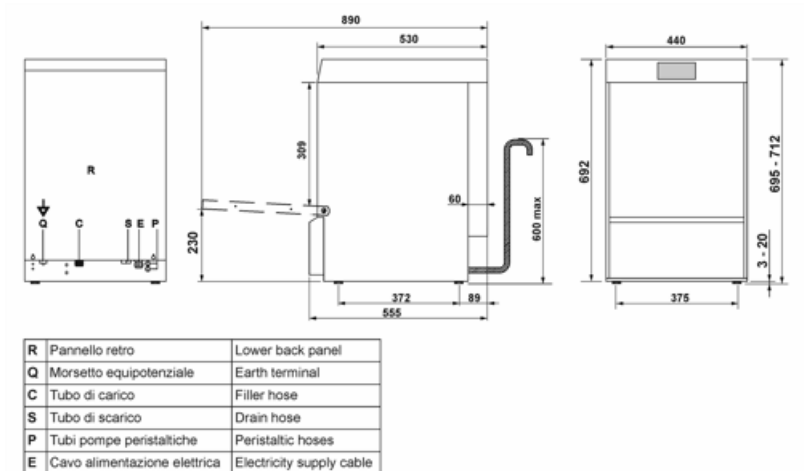
## Equipments

<b>Drain pump</b>	Yes	<b>Cycle counter</b>	Yes
<b>Peristaltic detergent dispenser</b>	Electronic control	<b>Break tank</b>	Yes

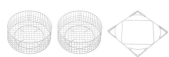
Peristaltic rinse-aid dispenser	Electronic control	Partial renewal of water in the tank and built-in drain pump	Yes
Default chemicals dosing unit of measure	gr/lt	Water supply pipe diameter	DN15 - ½"
Rinse boiler Thermostop system	Yes - default	Drain supply pipe diameter	DN20-G ¾"
Wash tank Thermostop system	Yes	Detergent (red) hose lenght	2,2m
Wash pump soft start system	Yes	Rinse aid (blue) hose lenght	2,2m
Option for auto daily switch on	Yes, default OFF		

## Logistic Information

Width packed product	510 mm	Packed product dimensions	860X510X630
Depth packed product	630 mm	Net weight	41.000 kg
Height packed product	860 mm	Gross weight (kg)	47.000

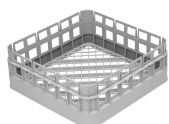


## Compatible Accessories



### KITRB40G01

Kit of 2 wire round baskets and adaptor for Ecoline



### PB40G01

Universal flat bottom polypropylene basket, dim. (WxDxH) 400x400x125 mm



### PHOOS01

Polypropylene single basket for cutlery



### RB40A3

Adapter for round basket for all 400 glasswasher models 460 mm wide



### WB40D01

Wire basket for 8 dishes Ø315 mm, dim. 400x400 mm



### WB40G02

Wire basket with sloped bottom for glasses Ø90 mm max, dim. (WxDxH) 400x400x168 mm



### WB40PG4

Wire basket for plastic glasses, dim. (WxDxH) 400x400x210 mm



### PB40C02

Universal flat bottom polypropylene double basket, dim. (WxDxH) 400x400x227 mm



### PHOGR4

Glass insert for 400x400 mm basket



### PHOOS02

6 compartment polypropylene basket for cutlery



### RB40G01

Universal wire basket with flat bottom, dim. (ØxH) 400x140 mm



### WB40G01

Universal wire basket with flat bottom, dim (WxDxH) 400x400x120 mm



### WB40G03

Sloped bottom 3 compartments wire basket for glasses Ø120 mm max, dim. (WxDxH) 400x400x168 mm



### WH00S01

Wire insert for 12 small dishes



### WS4

Stainless steel underframe for glasswashers, dim. (WxDxH) 495x530x490 mm

## Symbols glossary

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HTR RINSING SYSTEM



4 STAND FILTER



MAX.USABLE HEIGHT 309mm

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## Benefit (TT)

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### 4-stage filtration system

Deep cleaning and spotless washes with the Patented 4-Stages Filtration System

The innovative Smeg filtration system consists of 4 stages to completely eliminate all impurities: the 1st stage captures larger food residues; in the 2nd stages, finer particles are captured at this filtration stage; the 3th 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 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.

### Partial double-skin

Optimised thermal and acoustic insulation

The Ecoline undercounter dishwashers are equipped with a partial double-skin structure that optimises energy efficiency by minimising heat loss. Additionally, it provides effective acoustic 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.