

# SPG405S

Family	Professional dishwasher
Subfamily	Undercounter
Type	Undercounter glasswashers
Crockery	Crockery; Glasses; Cutlery
Basket dimensions	400x400 mm
Control panel	Electronic
Rinse pump	HTR system
Wash pump	Standard
Power connection	400 V 3N~ / 10 A / 5,2 kW / 50 Hz
Product dimensions (WxDxH)	440x555x695 mm

## 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	Max water hardness	54°f - 30°dH
Wash temperature (min-max)	60 °C	Inlet pressure	100-1000 kPa (min-max)
Rinse temperature (min-max)	83 °C	Detergent load	1,5 l/h
Min. water connection temperature	5°C	Rinse load	0,4 l/h
Minimum water consumption per cycle	3 l	Usable load height	309 mm
Max. inlet temperature	60°C	Depth with open door	890 mm

## Programs

Programs	3 automatic programs; Self-cleaning programs
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<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>Tank heating element power</b>	2000 W	<b>Default connection</b>	5200 W
<b>Boiler heating element power</b>	4300 W	<b>Optional electrical connection</b>	230 V~ / 11 A / 2,5 kW / 50 Hz; 230 V 3~ / 18 A / 5,2 kW / 50 Hz; 230 V~ / 14 A / 3,2 kW / 50 Hz ; 230 V~ / 17 A / 3,8 kW / 50 Hz
<b>Wash pump power</b>	290 W		

## Interface

<b>Number of buttons</b>	5	<b>Salt alert</b>	Yes
<b>On/Off button</b>	Yes	<b>Manual diagnostic</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 - 1,5 m
<b>Flat basket</b>	2x PB40G01	<b>Drain hose</b>	Yes - 2m

## Equipments

<b>Drain pump</b>	Yes	<b>Option for auto daily switch on</b>	Yes, default OFF
<b>Peristaltic detergent dispenser</b>	Electronic control	<b>Cycle counter</b>	Yes
<b>Peristaltic rinse-aid dispenser</b>	Electronic control	<b>Break tank</b>	Yes

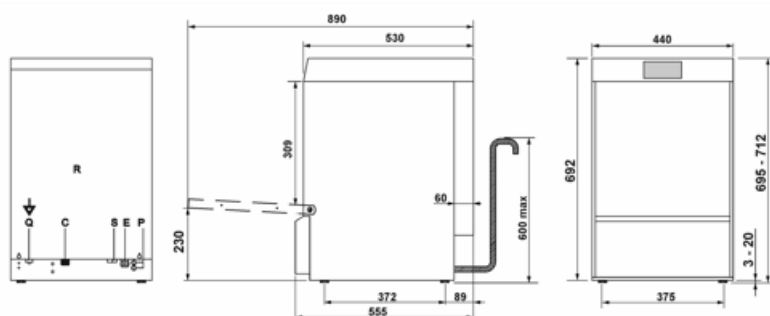
Default chemicals dosing unit of measure	gr/lt
Automatic built softener	Yes
Rinse boiler Thermostop system	Yes - default
Wash tank Thermostop system	Yes
Wash pump soft start system	Yes
Stand-by system	Yes

Partial renewal of water in the tank and built-in drain pump	Yes
Water supply pipe diameter	DN15 - ½"
Drain supply pipe diameter	DN20-G ¾"
Detergent (red) hose lenght	2,2 m
Rinse aid (blue) hose lenght	2,2 m

## Logistic Information

EAN code	8017709322427
Packed product dimensions (WxDxH)	860x510x630 mm

Net weight	44,000 kg
Gross weight	50,000 kg



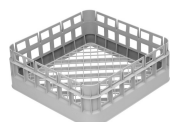
R	Pannello retro	Lower back panel
Q	Morsetto equipotenziale	Earth terminal
C	Tubo di carico	Filler hose
S	Tubo di scarico	Drain hose
P	Tubi pompe peristaltiche	Peristaltic hoses
E	Cavo alimentazione elettrica	Electricity supply cable

## Compatible Accessories



### KITRB40G01

Kit of 2 wire round baskets and adaptor for Ecoline



### PB40G01

Universal flat bottom polypropylene basket, internal height 125 mm, dim. (WxDxH) 400x400x146 mm



### PHOOS01

Polypropylene single basket for cutlery



### RB40G01

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



### WB40G01

Universal wire basket with flat bottom, internal height 110 mm, dim (WxDxH) 400x400x120 mm



### WB40G03

Sloped bottom 3 compartments wire basket for 9 glasses Ø110 mm max, dim. (WxDxH) 400x400x168 mm



### PB40C02

Universal flat bottom polypropylene double basket, 20 small dishes upper basket, internal height lower basket 120 mm, dim.(WxDxH) 400x400x227 mm



### PHOGR4

Tilted glass holder insert, configurable with up to 4 units of 4 glasses each, for PB40G01 basket 400x400 mm



### RB40A3

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



### WB40D01

Wire basket for 8 dishes Ø315 mm max, dim. (WxD) 400x400 mm



### WB40G02

Wire basket with sloped bottom for glasses 16 Ø90 mm max, dim. (WxDxH) 400x400x168 mm



### WB40PG4

Wire basket for 16 plastic glasses, max. H 180 mm, min.-max. Ø 36-95 mm, dim. (WxDxH) 400x400x210 mm



### WH00S01

Wire insert for 17 small dishes, width 100 mm, for flat bottom baskets 500x500 and 600x500 mm



### WS4

Stainless steel underframe for undercounter glasswashers 400 mm, 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 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.

### Integrated softener

Effective water treatment for consistently sparkling glasses

The integrated continuous regeneration water softener ensures effective water treatment, enhancing washing performance and preserving the machine's operational lifespan. The resin regeneration process takes place during the wash cycle without interruptions, providing constant control over water hardness. This system prevents limescale buildup, maximises detergent efficiency, and guarantees spotless results on glassware and dishes.

### 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.

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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.