

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

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	54°f - 30°dH		

Programs

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

Electrical Connection

Tank heating element power	2000 W	Default connection	5200 W
Boiler heating element power	4300 W	Optional electrical connection	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
Wash pump power	290 W		

Interface

Number of buttons	5	Salt alert	Yes
On/Off button	Yes	Manual diagnostic	Yes

Construction

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

Accessories included

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

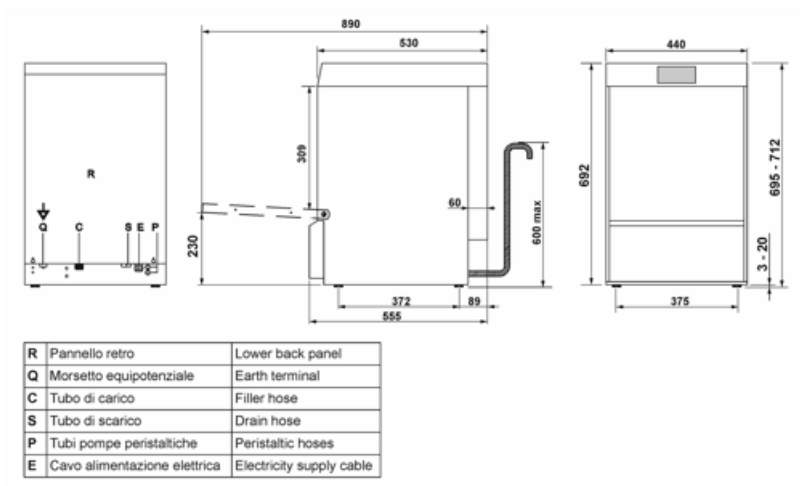
Equipments

Drain pump	Yes	Option for auto daily switch on	Yes, default OFF
Peristaltic detergent dispenser	Electronic control	Cycle counter	Yes
		Break tank	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"
Automatic built softener	Yes	Drain supply pipe diameter	DN20-G 3/4"
Rinse boiler Thermostop system	Yes - default	Detergent (red) hose lenght	2,2m
Wash tank Thermostop system	Yes	Rinse aid (blue) hose lenght	2,2m
Wash pump soft start system	Yes		
Stand-by system	Yes		

Logistic Information

Width packed product	510 mm	Packed product dimensions	860x510x630
Depth packed product	630 mm	Net weight	44.000 kg
Height packed product	860 mm	Gross weight	50.000 kg

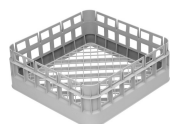


Compatible Accessories



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



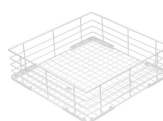
PHOOS02

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



HTR RINSING SYSTEM



4 STAND FILTER



MAX.USABLE HEIGHT 309mm

Benefit (TT)

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.

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.