

SPG405MS

Family	Professional dishwasher
Subfamily	Undercounter glasswashers
Line	Ecoline
Basket dimensions	400x400 mm
Rinse pump	HTR system
Washing pump	Standard



Accessories Included

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

Target

Solutions	Coffee shops/Wine bars
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Programs

Programs	3 automatic programs; Self-cleaning programs
Program options	Extra rinse; Clean water cycle
Program specifications	Boiler 83°C / Tank 60°C - 4'; Boiler 83°C / Tank 60°C - 1' 30"; Boiler 83°C / Tank 60°C - 2' 30"
Maximum basket/hour	40
Maximum dishes/hour	640

Interface

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

Construction

Tank Construction	With printed base Partial double skin	Door gasket	Only up
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Tank material	Stainless steel AISI 304	Rack guides	Embossed
Back panel	Galvanized	Filter	4-stages filter system
Door	Double wall	Tank capacity	7 l
Upper washing system	One washing and one split rinse spray arms, stainless steel	Boiler capacity	4 l
Lower washing system	One washing and one combined rinse spray arms, stainless steel and plastic	Protection class	IPX4
Tank filter	Plastic	Adjustable feet	Yes
		Drain max. height	600 mm

Technical Features

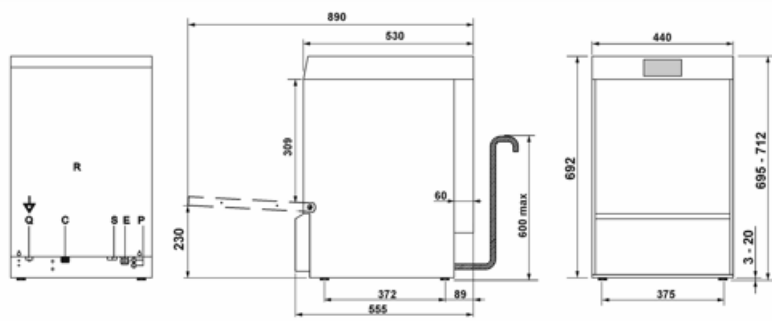
Tank heating element power	1400 W	Max water hardness	54°f - 30°dH
Boiler heating element power	2700 W	Inlet pressure	100-1000 kPa (min-max)
Washing pump power	290 W	Detergent load	1,5 l/h
Default connection	3000 W	Rinse load	0,4 l/h
Water cycle consumption	3 l	Usable load height	309 mm
Minimum water cycle consumption	3 l	Depth with open door	890 mm
Warm water connection	5°C	Product dimensions WxDxH	440x555x695 mm
Max temperature inlet water	60°C		

Electrical Connection

Plug	(F;E) Schuko	Power connection	230 V~ / 14 A / 3,1 kW /50 Hz
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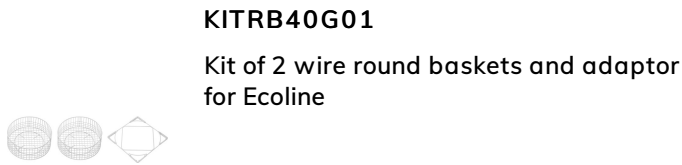
Equipments

Drain pump	Yes	Automatic start	Yes, default OFF
Peristaltic detergent doser	Electronic control	Cycle counter	Yes
Peristaltic rinse-aid doser	Electronic control	Break tank	Yes
Default chemicals dosing unit of measure	gr/lt	Partial renewal of water in the tank and built-in drain pump	Yes
Automatic built softener	Yes	Water supply pipe diameter	DN15 - ½"
Boiler thermostop	Yes - default	Drain supply pipe diameter	DN20-G 3/4"
Tank thermostop	Yes	Detergent (red) hose lenght	2,2m
Soft Start system	Yes	Rinse aid (blue) hose lenght	2,2m



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

Not included accessories



KITRB40G01
Kit of 2 wire round baskets and adaptor for Ecoline



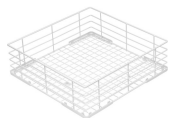
PHOGR4
Glass insert for 400x400 mm basket



PHOOS02
6 compartments 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



PB40C02
Universal flat bottom polypropylene double basket, dim. (WxDxH) 400x400x227 mm



PHOOS01
Polypropylene single basket for cutlery



RB40A3
Adapter for round basket for single wall models



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



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 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.

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 double-skin design of the Ecoline features dual insulation on the door, top, and rear panel, while the side panels have a single layer of insulation. This structure 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.

Electronic interface

Control panel with electronic buttons

The electronic version features an intuitive interface with soft-touch buttons, allowing the selection of one of three washing programs based on the level of dirt: short, medium, or intense. Additionally, there are buttons for power on, automatic drain cycle initiation, and final self-cleaning. The display allows real-time monitoring of the temperature, cycle duration, and diagnostics, ensuring simple and immediate control.