SPG405M

Family	Professional dishwasher
Subfamily	Undercounter glasswashers
Line	Ecoline
Basket dimensions	400x400 mm
Rinse pump	HTR system
Wash pump	Standard
Power connection	230 V~ / 14 A / 3,1 kW /50 Hz

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

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

Interface

Number of buttons	5	**Manual diagnostic**	Yes
On/Off button	Yes		

Construction

Tank	Deep drawn	**Rack guides**	Embossed

Construction	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	Protection class	IPX4
		Adjustable feet	Yes
		Drain max. height	600 mm
Lower wash system	One wash and one combined rinse spray arms, stainless steel and plastic		
Tank filter	Plastic		
Door gasket	Only up		

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

Electrical Connection

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

Equipments

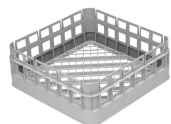| Drain pump	Yes	Cycle counter	Yes
Peristaltic detergent dispenser	Electronic control	Break tank	Yes
Peristaltic rinse-aid dispenser	Electronic control	Partial renewal of water in the tank and built-in drain pump	Yes
Deafult chemicals dosing unit of measure	gr/lt	Water supply pipe diameter	DN15 - ½"
Rinse boiler Thermostop system	Yes - default	Drain supply pipe diameter	DN20-G 3/4"
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

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
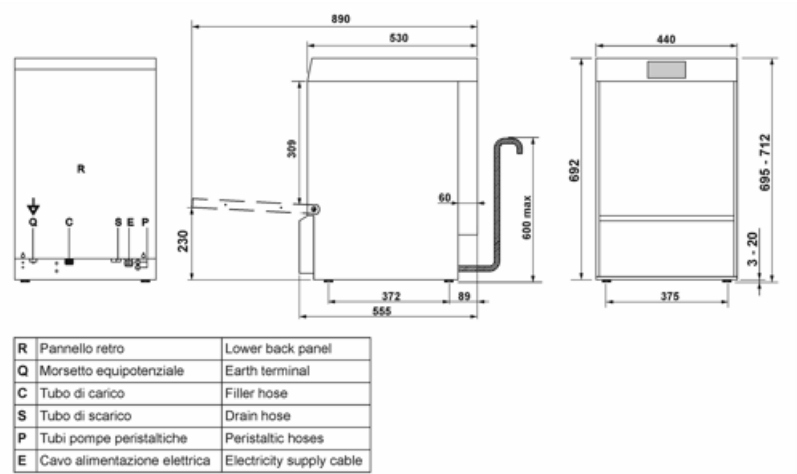
Compatible Accessories

KITRB40G01

Kit of 2 wire round baskets and adaptor for Ecoline

PB40G01

Universal flat bottom polypropylene basket, 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

PHOOGR4
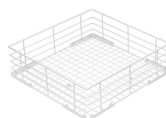
Glass insert for 400x400 mm basket

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 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.