

# SPG405UK

Product Family	Dishwasher
Subfamily	Undercounter glasswashers
Line	Ecoline
Basket dimensions	400x400 mm
Rinse pump	HTR system
Wash pump	Standard
Default power supply	230 V~ / 13 A / 2,9 kW /50 Hz



## Accessories Included

Flat basket	2x PB40G01	Drain pipe	Yes - 2m
Water supply pipe	Yes - 1.5m		

## Target

Potential users	Bars/Cafes
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## Programmes

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

## Interface

Number of buttons	5	Manual diagnostics	Yes
On/off indicator	Yes		

## Construction

Tank	Deep drawn	Rack guides	Embossed
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<b>Construction</b>	Partial double wall	<b>Filter</b>	4-stages filter system
<b>Tank material</b>	Stainless steel AISI 304	<b>Wash tank capacity</b>	7 l
<b>Back panel</b>	Galvanized	<b>Boiler capacity</b>	4 l
<b>Upper washing system</b>	One washing and one split rinse spray arms, stainless steel	<b>Protection class</b>	IPX4
<b>Lower washing system</b>	One washing and one combined rinse spray arms, stainless steel and plastic	<b>Adjustable feet</b>	Yes
<b>Tank filter</b>	Plastic	<b>Drain max. height</b>	600 mm
<b>Door gasket</b>	Top only		

## Technical Features

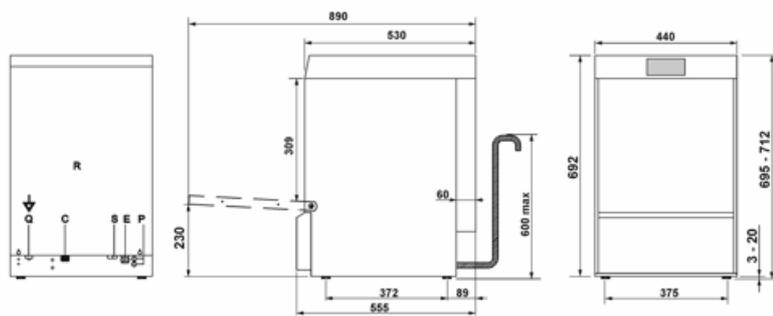
<b>Water consumption per cycle</b>	3 l	<b>Water inlet pressure</b>	100-1000 kPa
<b>Wash temperature (min-max)</b>	60 °C	<b>Detergent flow rate</b>	1.5 l/h
<b>Rinse temperature (min-max)</b>	83 °C	<b>Rinse aid flow rate</b>	0.4 l/h
<b>Minimum water consumption per cycle</b>	3 l	<b>Usable load height</b>	309 mm
<b>Warm water connection</b>	8°C	<b>Depth with door open</b>	890 mm
<b>Max. inlet temperature</b>	60°C	<b>Dimensions</b>	440x555x695 mm
<b>Max water hardness</b>	12°f - 7°dH		

## Electrical Connection

<b>Tank heating element power</b>	1300 W	<b>Default connection</b>	2900 W
<b>Boiler heating element power</b>	2600 W	<b>Electrical connection options</b>	230 V~ / 13 A / 2,9 kW / 50 Hz
<b>Wash pump power</b>	300 W		

## Equipment

<b>Drain pump</b>	Yes	<b>Cycle counter</b>	Yes
<b>Peristaltic detergent dispenser</b>	Yes, electronic control	<b>Break tank</b>	Yes
<b>Peristaltic rinse-aid dispenser</b>	Yes, electronic control	<b>Partial water exchange in the wash tank via built-in drain pump</b>	Yes
<b>Chemical dosing</b>	gr/lt	<b>Water supply pipe diameter</b>	16 mm
<b>Rinse boiler Thermostop system</b>	Yes - default	<b>Drain supply pipe diameter</b>	21.5 mm
<b>Wash tank Thermostop system</b>	Yes	<b>Detergent (red) hose length</b>	Yes, manual
<b>Wash pump soft start system</b>	Yes	<b>Rinse aid (blue) hose length</b>	Yes, manual
<b>Option for auto daily switch on</b>	Yes		



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

	<p><b>KITRB40G01</b> Adapter for round basket</p>		<p><b>PB40C02</b> Universal flat bottom polypropylene double basket, 400x400x125 mm</p>
	<p><b>PB40G01</b> Universal basket made of polypropylene 400x400</p>		<p><b>PHOGR4</b> Glass basket for 400x400 glasswashers</p>
	<p><b>PHOOS01</b> Single basket in polypropylene for cutlery</p>		<p><b>PHOOS02</b> Basket in polypropylene for cutlery with 6 compartments</p>
	<p><b>RB40A3</b> Adapter for round basket</p>		<p><b>RB40G01</b> Universal wire basket with flat base 400</p>
	<p><b>WB40D01</b> Wire basket for 8 dishes 400x400</p>		<p><b>WB40G01</b> Universal wire basket with flat bottom 400x400</p>
	<p><b>WB40G02</b> Wire basket for 8 glasses, max diameter 90mm, inclined bottom 400x400</p>		<p><b>WB40G03</b> Wire basket for 8 glasses, inclined bottom, 4-row 400x400</p>
	<p><b>WB40PG4</b> Wire basket for plastic glasses, dim. (WxDxH) 400X400X210 mm</p>		<p><b>WH00S01</b> Wire insert for 12 small dishes</p>
	<p><b>WS4</b> Underframe for glasswasher 400mm</p>		

## Symbols glossary

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HTR rinsing system



5 stand filter



MAX.USABLE HEIGHT 309mm

## Benefit

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### 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.

### 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.

### 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.

### 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.

### 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.

### **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.