smeg
INSTRUMENTS

WASHING AND DISINFECTION

Laboratory, pharma and industry sector

MADE IN ITALY
TAILOR-MADE SOLUTIONS FOR THE LABORATORY

Smeg Instruments offers cutting-edge technology meeting customizable solutions for the laboratory, pharmaceutical, chemical, and industrial sectors. Smeg solutions are designed to provide safe and certifiable results, ensuring efficiency and flexibility in the work processes.

The in-house research and development team, works hand-in-hand with customers to anticipate market demands and challenges. Such collaborative approach aims at staying ahead of the curve, offering products that are always at the forefront of innovation.

RESPONSIBLE PRODUCTION

Smeg glassware washers are equipped with specially designed features to facilitate and simplify washing. By using fast, intensive cycles or creating customised cycles, you can save time, water, energy and detergents.

The mixed drain guarantees cooling of the water to a maximum of 65°C, safeguarding the drainage system for perfect compliance with installation requirements. The dual drain valve allows water to be separated according to its quality: clean water could be directed to a new use (e.g. final rinse) to counteract water waste.

Washing quality

Smeg offers state-of-the-art glassware washers made from high-quality materials. This is combined with a careful study related to specific washing programmes, created with the use of professional detergents formulated to achieve the goal: quality washing.

Flexibility

Machines and accessories designed to meet different washing requirements: flasks, beakers, pipettes, vials, cylinders, bottles, punches, dies and any other type of glassware or mechanical parts of different sizes. This is thanks to a wide range of trolleys and accessories that are carefully designed and often specially created to customer requirements.

Immediate traceability

Like washing, cycle traceability is crucial. All Smeg machines record and keep track of all operations performed: cycle, settings, parameter changes, alarms and users involved. This data can be accessed via display, USB connection, printer, LAN, Wi-Fi, Bluetooth.

quality sustainability security saving

The daily disinfection of glass and other materials in an effective and safe manner is a fundamental prerogative of scientific laboratories.

Smeg laboratory glassware washers ensure optimal hygienic conditions for laboratory work.

KEY FEATURES

LCD DISPLAY: THE COLOUR SOFT TOUCH CONTROL PANEL ALLOWS FOR SIMPLE AND INTUITIVE DAILY USE.

CUSTOM PROGRAMMES: THE OPERATOR HAS AT HIS DISPOSAL A COMPLETE RANGE OF PRE-SET AND FULLY CUSTOMISABLE PROGRAMMES TO MEET EVERY NEED.

AUTOMATIC OPENING SYSTEM: THANKS TO THE AUTOMATIC OPENING WITH ELECTROMAGNETIC DOOR RELEASE, MAXIMUM PERFORMANCE AND SPEED ARE ACHIEVED DURING THE DRYING PHASE.

USB PORT: THE MACHINE'S EQUIPMENT INCLUDES A USB PORT FOR CONVENIENT AND EFFICIENT LABORATORY DATA RECORDING.

AVAILABLE VERSIONS:

GLASS DOOR GLASSWARE WASHERS

The Concept Line glassware washer with glass door combines the strength of stainless steel with the transparency of glass, providing a clear view of the washing process and simplifying the control of the operation
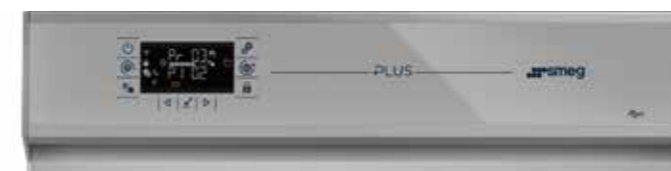
STAINLESS STEEL DOOR GLASSWARE WASHERS

The Concept Line glassware washer with stainless steel door guarantees a long service life thanks to the quality of the materials used. The stainless steel door gives the machine a modern and professional look, perfect for any laboratory looking for reliability and optimum performance.

PLUS

SMEG INSTRUMENTS PRESENTS ITS NEW RANGE OF UNDERCOUNTER GLASSWARE WASHERS FEATURING FULLY UPGRADED TECHNOLOGY AND CONTROL ELECTRONICS.

Enhanced Dryer

Flowmeter on peristaltic pumps (optional)

Conductivity sensor (optional)

Double drain valve (optional)

Smeg high-capacity glassware washers are a state-of-the-art solution for medium to large laboratories that require advanced systems for disinfecting scientific equipment on a daily basis.

KEY FEATURES

LOADING FLEXIBILITY: THANKS TO A WIDE CHOICE OF TROLLEY CONFIGURATIONS. ALL LABORATORY INSTRUMENTATION CAN BE ACCOMMODATED, INCLUDING LONG AND NARROW NECK GLASSES, PIPETTES, TEST TUBES AND LARGE GLASSWARE.

CONTROL PANEL: THE COLOUR PANEL ALLOWS SIMPLE AND INTUITIVE DAILY USE, COMPLETE WITH A WIDE RANGE OF PRE-SET AND CUSTOMISABLE PROGRAMMES.

USB PORT: THE MACHINE INCLUDES A USB PORT FOR CONVENIENT AND EFFICIENT LABORATORY DATA RECORDING.

AVAILABLE VERSIONS:

GLASS DOOR GLASSWARE WASHERS

The high-capacity glassware washer with glass door ensures constant control of the washing process without compromising the efficiency of the machine.

STAINLESS STEEL DOOR GLASSWARE WASHERS

The high-capacity glassware washer with stainless steel door guarantees robustness and long-lasting performance, thanks to the use of quality materials.

GW6010

ACCESSORIES FOR MOD. GW0260-1260-4260-4290-5260-5290

ACCESSORIES FOR MOD. GW6010-7015

LM80DS
Universal flask washing with drying system - Two washing levels

LM40DS
Universal narrownecked glassware washing and drying carrier

LM40ICS1DS
Universal multifunctional trolleys with two washing levels

LPM2020DS
Mixed injection carrier for washing and drying of flasks and pipettes

LBT5DS
Trolley for bottles with drying system

LB32DS
Bottle washing and drying carrier

NEW

U3215NMR
Multifunction nozzle size 215 mm x diameter 3.
Suitable for NMR tubes with 4 mm internal diameter.
Made of stainless steel.

INS12U4180DV
Injection insert with 12 adjustable partitions and perimeter frame for better glassware positioning. Suitable for washing 12 bottles of max. 1L or 6L 2L flasks.

INSKP200
Injection insert for vials, suitable for internal washing of vials, conical test specimens and centrifuge rotors.

INSLP28U4140R
Bi-zone insert suitable for simultaneous washing of mid-to-small glassware and pipettes.

INS2LPR
Washing insert suitable for washing 208 pipettes spread over 2 manifolds.
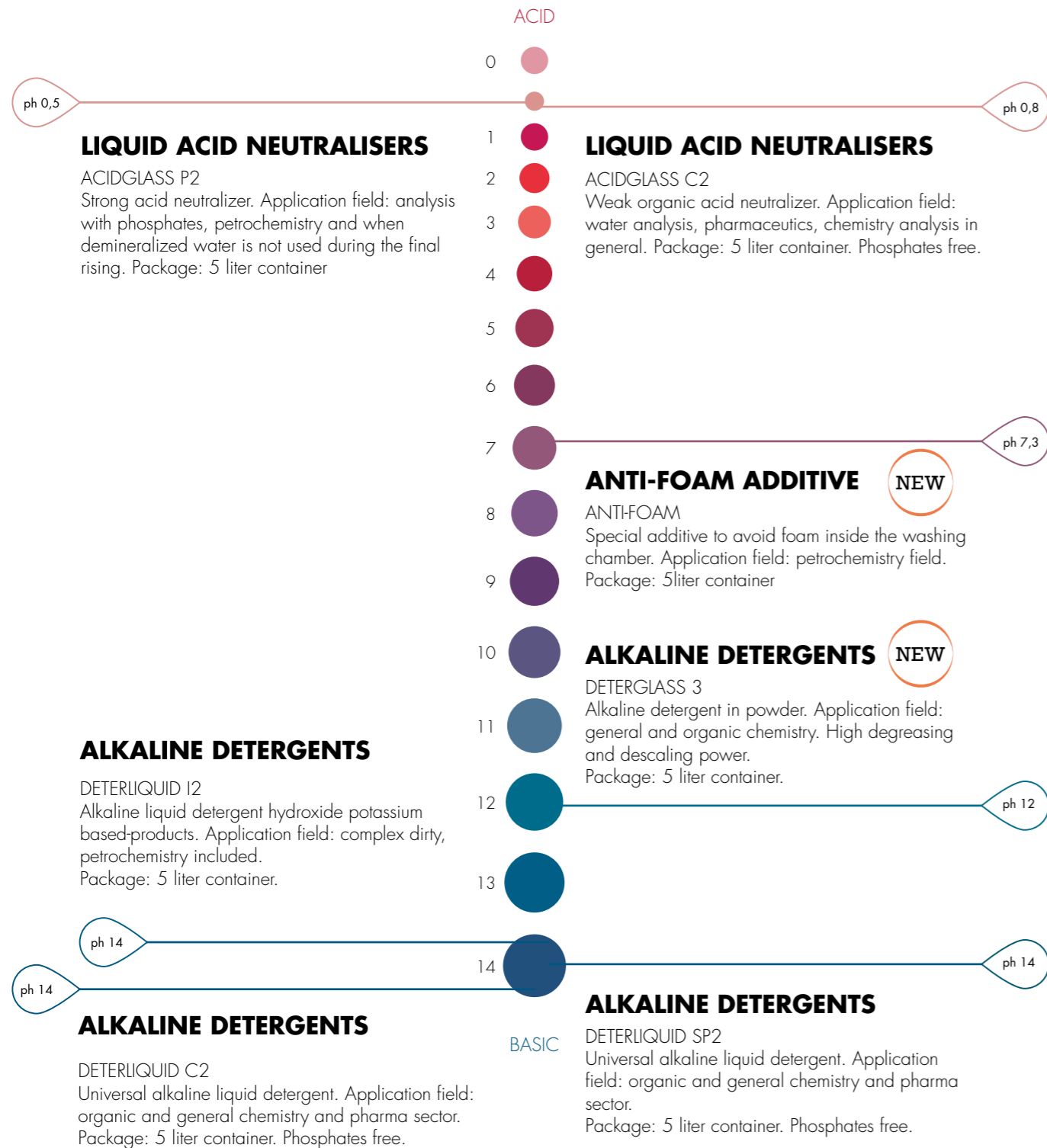
ACCESSORIES FOR MOD. GW6290DS

L690
Injection stainless steel insert for washing a max of 86 small glass items.

The use of specific chemical products is essential to obtain accurate glass washing.

Detergents and neutralizing agents are especially studied by answering all kind of different type of washing needs. Quality of the result, consumption decrease and environment safeguard.

ACID

0

ph 0,5 — — ph 0,8

LIQUID ACID NEUTRALISERS

ACIDGLASS P2
Strong acid neutralizer. Application field: analysis with phosphates, petrochemistry and when demineralized water is not used during the final rising. Package: 5 liter container

LIQUID ACID NEUTRALISERS

ACIDGLASS C2
Weak organic acid neutralizer. Application field: water analysis, pharmaceutics, chemistry analysis in general. Package: 5 liter container. Phosphates free.

ph 7,3

ANTI-FOAM ADDITIVE **NEW**

ANTI-FOAM
Special additive to avoid foam inside the washing chamber. Application field: petrochemistry field.
Package: 5liter container

ALKALINE DETERGENTS **NEW**

DETERGLASS 3
Alkaline detergent in powder. Application field: general and organic chemistry. High degreasing and descaling power.
Package: 5 liter container.

ALKALINE DETERGENTS

DETERLIQUID I2
Alkaline liquid detergent hydroxide potassium based-products. Application field: complex dirty, petrochemistry included.
Package: 5 liter container.

ph 12

ph 14

ph 14

ALKALINE DETERGENTS

DETERLIQUID C2
Universal alkaline liquid detergent. Application field: organic and general chemistry and pharma sector.
Package: 5 liter container. Phosphates free.

BASIC

ALKALINE DETERGENTS

DETERLIQUID SP2
Universal alkaline liquid detergent. Application field: organic and general chemistry and pharma sector.
Package: 5 liter container. Phosphates free.

CONCEPT LINE

GW TECHNICAL FEATURES	GW0260	GW1245	GW1260	GW4260	GW4290
Externl dimensions (LXDXH mm)	600 x 600 x 850	450 x 620 x 850	600 x 600 x 850	600 x 600 x 850	900 x 600 x 850
Internal dimensions (LXDXH mm)	525 x 490 x 570	370 x 480 x 570	525 x 490 x 570	525 x 490 x 570	525 x 490 x 570
Display/Control panel	●	●	●	●	●
Available with Glass door	-	-	-	●	●
AISI 304 stainless steel external panels and AISI 316L stainless steel washing chamber	-	●	●	●	●
Detergent cabinet	-	-	-	-	●
Integrated water softener	●	●	●	●	●
Electronic door lock, for user safety	●	●	●	●	●
Cycle progress light and end-of-cycle sound indication	●	●	●	●	●
Switchable from three-phase to three-phase without neutral 230 V 3~ / PE / 50 Hz / 19 A 7.0 kW (**); Switchable from three-phase to single-phase 230V 1N~ / PE / 50Hz / 12A / 2.8 Kw	●	-	●	●	●

CONCEPT PLUS

GW TECHNICAL FEATURES	GW5260	GW5290
Externl dimensions (LXDXH mm)	600 x 640 x 850	900 x 640 x 850
Internal dimensions (LXDXH mm)	525 x 490 x 570	525 x 490 x 570
Display/Control panel	●	●
Available with Glass door	●	●
AISI 304 stainless steel external panels and AISI 316L stainless steel washing chamber	●	●
Detergent cabinet	-	●
Integrated water softener	●	●
Electronic door lock, for user safety	●	●
Cycle progress light and end-of-cycle sound indication	●	●
Switchable from three-phase to three-phase without neutral 230 V 3~ / PE / 50 Hz / 19 A 7.0 kW (**); Switchable from three-phase to single-phase 230V 1N~ / PE / 50Hz / 12A / 2.8 Kw	●	●

NEW

HIGH CAPACITY GLASSWARE WASHERS

GW TECHNICAL FEATURES	GW6010	GW7010	GW7015	GW6290
Externl dimensions (LXDXH mm)	650 x 720 x 1950	780 x 800 x 1950	900 x 1000 x 1942	900 x 800 x 1950
Internal dimensions (LXDXH mm)	550 x 620 x 685	550 x 620 x 685	626 x 812 x 685	600 x 620 x 830
Display/Control panel	●	●	●	●
Available with Glass door	●	●	●	●
AISI 304 stainless steel external panels and AISI 316L stainless steel washing chamber	●	●	●	●
Door	1 glass, drop-down door	2 glass, sliding doors	2 glass, sliding doors	1 stainless steel, drop-down door
Rail in the washing chamber	●	-	-	
Washing chamber volume (Litres)	280	280	417	465
Electronic door lock, for user safety	●	●	●	●
Cycle progress light and end-of-cycle sound indication	●	●	●	●

● PRESENT feature
- NOT PRESENT feature

GW0260

LABORATORY GLASSWARE WASHER - ESSENTIAL

display front panel in glass with LCD display and USB frontal port for connectivity

washing chamber, internal door and external panels in AISI 304 stainless steel

programs available: 7 default + 1 for service

n. 2 independent washing levels through telescopic guides

External dimensions LxDxH	600 x 600 x 850 mm
Internal working dimensions LxDxH	525 x 490 x 570 mm

- washing up to 85 °C - antibacterial thermal disinfection
- user interface with touch colour display, simultaneous display on three independent levels of the operating parameters (program, progress status, temperature/remaining time/Ao/peristaltic pumps dosage, etc.)
- provided with a visual and achoustic communication system for operativity and alarms
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- internal memory for cycles, parameters and alarms datalogging
- provided with software to connect the device and monitoring cycles and parameters
- active thermodynamic drying
- peristaltic dosing pump for acid liquid neutralizer
- incorporated high efficiency water softener with salt sensor

- communication via display of the progressive status of the washing cycle
- possibility to cool the drain water up to 65°C
- electronic door lock system for user safety
- cold water and demineralized water connections as default configuration
- default electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase available: 1/N/PE 230 V - 50 Hz - 2,8 kW max
- tri-phase w/o neutral available: 230V 3~ - 50Hz - 19A - 7 kW max
- 60 Hz version available
- supplied without trolleys
- chamber capacity 147 litres

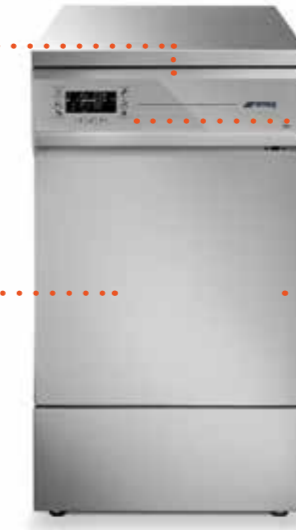| VERSION	DETERGENT POWDER DISPENSER	NEUTRALIZER DOSING PUMP	DETERGENT DOSING PUMP	ADDITIVE DOSING PUMP
GW0260-00-00J	●	●	-	○
GW0260-S0-00J	-	●	●	○

GW1245

COMPACT LABORATORY GLASSWARE WASHER - 45 CM

display front panel in glass with LCD display and USB frontal port for connectivity

washing chamber and internal door in AISI 316L stainless steel and external panels made of AISI 304 stainless steel

programs available: 20 default + 20 custom + 1 for service

n. 2 independent washing levels through telescopic guides

External dimensions LxDxH	450 x 620 x 850 mm
Internal working dimensions LxDxH	370 x 480 x 570 mm

- washing up to 95 °C - antibacterial thermal disinfection
- user interface with touch colour display, simultaneous display on three independent levels of the operating parameters (program, progress status, temperature/remaining time/Ao/peristaltic pumps dosage, etc.)
- provided with a visual and achoustic communication system for operativity and alarms
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- internal memory for cycles, parameters and alarms datalogging
- provided with software to connect the device and monitoring cycles and parameters
- ready to Wi-Fi and Bluetooth connection
- active thermodynamic drying
- peristaltic dosing pump for liquid detergent

- peristaltic dosing pump for acid liquid neutralizer
- possibility of installing 1 additional peristaltic pump
- incorporated high efficiency water softener with salt sensor
- communication via display of the progressive status of the washing cycle
- possibility to cool the drain water up to 65°C
- electronic door lock system for user safety
- cold water and demineralized water connections as default configuration
- ready to hot water connection (to be purchased as option art. T4260AC)
- electrical connection: 1/N/PE 230 V - 50 Hz - 3,3 kW max
- 60 Hz version available
- Schuko plug 16 A - 250 V included
- upper and lower trolleys D-CS1 and D-CS2 included
- chamber capacity 101 litres

● standard feature
○ optional features (some can only be installed in the factory at the time of ordering)
- feature not provided and not installable

GW1260

LABORATORY GLASSWARE WASHER

display front panel in glass with LCD display and USB frontal port for connectivity

programs available: 20 default + 20 custom + 1 for service

washing chamber and internal door in AISI 316L stainless steel and external panels made of AISI 304 stainless steel

n. 2 independent washing levels through telescopic guides

External dimensions LxDxH	600 x 600 x 850 mm
Internal working dimensions LxDxH	525 x 490 x 570 mm

- washing up to 95 °C - antibacterical thermal disinfection
- user interface with touch colour display, simultaneous display on three independent levels of the operating parameters (program, progress status, temperature/remaining time/Ao/peristaltic pumps dosage, etc.)
- provided with a visual and achoustic communication system for operativity and alarms
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- internal memory for cycles, parameters and alarms datalogging
- provided with software to connect the device and monitoring cycles and parameters
- ready to Wi-Fi and Bluetooth connection
- active thermodynamic drying
- incorporated high efficiency water softener with salt sensor
- communication via display of the progressive status of the washing cycle
- possibility to cool the drain water up to 65°C
- electronic door lock system for user safety
- cold water and demineralized water connections as default configuration
- ready to hot water connection (to be purchased as option art. T4260AC)
- default electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase available: 1/N/PE 230 V - 50 Hz - 2,8 kW max
- tri-phase w/o neutral available: 230V 3~ - 50Hz - 19A - 7 kW max
- 60 Hz version available
- supplied without trolleys
- chamber capacity 147 litres

VERSION	DETERGENT POWDER DISPENSER	NEUTRALIZER DOSING PUMP	DETERGENT DOSING PUMP	ADDITIVE DOSING PUMP	STEAM CONDENSER
GW1260-00-000	●	●	-	○	-
GW1260-0C-000	●	●	-	○	●
GW1260-S0-000	-	●	●	○	-
GW1260-SC-000	-	●	●	○	●

- ● standard feature
- ○ optional features (some can **only be installed in the factory at the time of ordering**)
- - feature not provided and not installable

GW4260

LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

display front panel in glass with LCD display and USB frontal port for connectivity

programs available: 20 default + 20 custom + 1 for service

washing chamber and internal door in AISI 316L stainless steel and external panels made of AISI 304 stainless steel

n. 2 independent washing levels through telescopic guides

External dimensions LxDxH	600 x 640 x 850 mm
Internal working dimensions LxDxH	525 x 490 x 570 mm

- washing up to 95 °C - antibacterical thermal disinfection
- user interface with touch colour display, simultaneous display on three independent levels of the operating parameters (program, progress status, temperature/remaining time/Ao/peristaltic pumps dosage, etc.)
- provided with a visual and achoustic communication system for operativity and alarms
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- internal memory for cycles, parameters and alarms datalogging
- provided with software to connect the device and monitoring cycles and parameters
- ready to Wi-Fi and Bluetooth connection
- forced hot air drying system with air filter 98% DOP
- ready for absolute HEPA filter H14 (to be purchased as option art. AF4060)
- incorporated high efficiency water softener with salt sensor
- communication via display of the progressive status of the washing cycle
- possibility to cool the drain water up to 65°C
- electronic door lock system for user safety
- cold water and demineralized water connections as default configuration
- ready to hot water connection (to be purchased as option art. T4260AC)
- default electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase available: 1/N/PE 230 V - 50 Hz - 2,8 kW max
- tri-phase w/o neutral available: 230V 3~ - 50Hz - 19A - 7 kW max
- chamber capacity 147 litres

VERSION	DETERGENT POWDER DISPENSER	NEUTRALIZER DOSING PUMP	DETERGENT DOSING PUMP	ADDITIVE DOSING PUMP	STEAM CONDENSER	GLASS DOOR
GW4260-00-000	●	●	-	○	-	-
GW4260-0C-000	●	●	-	○	●	-
GW4260-S0-000	-	●	●	○	-	-
GW4260-SC-000	-	●	●	○	●	-
GW4260-SC-00G	-	●	●	○	●	●

- ● standard feature
- ○ optional features (some can **only be installed in the factory at the time of ordering**)
- - feature not provided and not installable

GW4290

LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM AND DETERGENT CABINET

display front panel in glass with LCD display and USB frontal port for connectivity

washing chamber and internal door in AISI 316L stainless steel and external panels made of AISI 304 stainless steel

n. 2 independent washing levels through telescopic guides

programs available: 20 default + 20 custom + 1 for service

detergent compartment with front telescopic opening, 2 x 5-litre tanks capacity (up to 4 with optional art. TANKBSK)

External dimensions LxDxH	900 x 640 x 850 mm
Internal working dimensions LxDxH	525 x 490 x 570 mm

- washing up to 95 °C - antibacterial thermal disinfection
- user interface with touch colour display, simultaneous display on three independent levels of the operating parameters (program, progress status, temperature/remaining time/Ao/peristaltic pumps dosage, etc.)
- provided with a visual and acoustic communication system for operativity and alarms
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- internal memory for cycles, parameters and alarms datalogging
- provided with software to connect the device and monitoring cycles and parameters
- ready to Wi-Fi and Bluetooth connection
- forced hot air drying system with air filter 98% DOP
- ready for absolute HEPA filter H14 (to be purchased as option art. AF4060)

- possibility of installing up to 2 additional peristaltic pump
- incorporated high efficiency water softener with salt sensor
- communication via display of the progressive status of the washing cycle
- possibility to cool the drain water up to 65°C
- electronic door lock system for user safety
- cold water and demineralized water connections as default configuration
- ready to hot water connection (to be purchased as option art. T4260AC)
- default electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase available: 1/N/PE 230 V - 50 Hz - 2,8 kW max
- tri-phase w/o neutral available: 230V 3~ - 50Hz - 19A - 7 kW max
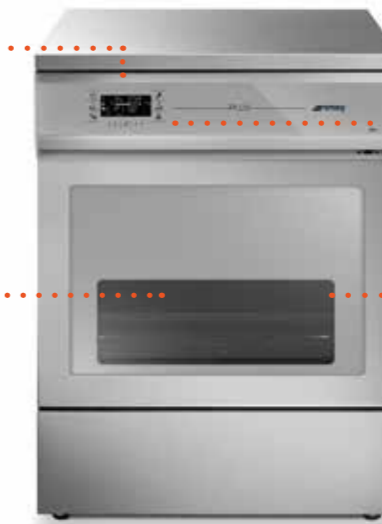- chamber capacity 147 litres

VERSION	DETERGENT POWDER DISPENSER	NEUTRALIZER DOSING PUMP	DETERGENT DOSING PUMP	ADDITIONAL DOSING PUMPS (*)	STEAM CONDENSER	GLASS DOOR
GW4290-00-000	●	●	-	○	-	-
GW4290-0C-000	●	●	-	○	●	-
GW4290-S0-000	-	●	●	○	-	-
GW4290-SC-000	-	●	●	○	●	-
GW4290-SC-00G	-	●	●	○	●	●

(*) peristaltic pump for caustic soda solution - peristaltic pump for anti-foam additive

- ● standard feature
- ○ optional features (some can **only be installed in the factory at the time of ordering**)
- - feature not provided and not installable

GW5260

LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM

display front panel in glass with LCD display and USB frontal port for connectivity

washing chamber and internal door in AISI 316L stainless steel and external panels made of AISI 304 stainless steel

programs available: 20 default + 20 custom + 1 for service

n. 2 independent washing levels through telescopic guides

External dimensions LxDxH	600 x 640 x 850 mm
Internal working dimensions LxDxH	525 x 490 x 570 mm

- washing up to 95°C - antibacterical thermal disinfection
- user interface with touch colour display, simultaneous display on three independent levels of the operating parameters (program, progress status, temperature/remaining time/Ao/peristaltic pumps dosage, etc.)
- provided with a visual and acoustic communication system for operativity and alarms
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- internal memory for cycles, parameters and alarms datalogging
- provided with software to connect the device and monitoring cycles and parameters
- ready to Wi-Fi and Bluetooth connection
- forced hot air drying system with air filter 98% dop
- peristaltic pump for liquid detergent ready for absolute HEPA filter H14 (to be purchased as option art. AF4050)

- peristaltic pump for liquid neutralizer
- possibility of installing up to 2 additional peristaltic pumps
- incorporated water softener with salt sensor
- communication via display of the progressive status of the washing cycle
- possibility to cool the drain water up to 65°C
- cold water, hot water and demineralized water connections as default configuration
- unified waste (2 in 1 with siphon)
- electronic door lock system for user safety
- default electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max
- single phase available: 1/N/PE 230 V - 50 Hz - 2,8 kW max
- 60 Hz version available
- chamber capacity 147 litres

VERSION	NEUTRALIZER DOSING PUMP	DETERGENT DOSING PUMP	ADDITIONAL DOSING PUMPS (*)	STEAM CONDENSER	GLASS DOOR
GW5260-S0-000	●	●	○	-	-
GW5260-S0-00G	●	●	○	-	●
GW5260-SC-000	●	●	○	●	-
GW5260-SC-00G	●	●	○	●	●
GW5260-PC-000	●	●	●	●	-

(*) peristaltic pump for caustic soda solution - peristaltic pump for anti-foam additive

- ● standard feature
- ○ optional features (some can **only be installed in the factory at the time of ordering**)
- - feature not provided and not installable

GW5290

GW6010

LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM AND DETERGENT CABINET

HIGH-CAPACITY LABORATORY GLASSWARE WASHER WITH DROP DOWN DOOR

display front panel in glass with LCD display and USB frontal port for connectivity

washing chamber and internal door in AISI 316L stainless steel and external panels made of AISI 304 stainless steel

n. 2 independent washing levels through telescopic guides

programs available:
20 default + 20 custom +
1 for service

detergent cabinet made of AISI 304 stainless steel
2 x 5 liters tanks or
4 x 2 liters tanks of capacity

multi-language TFT colour touch screen

washing chamber made of AISI 316L stainless steel and external panels made of AISI 304 stainless steel

USB port for downloading washing cycles log

programs:
20 default + 20 custom

detergent cabinet with removable tray for storing up to 3 x 5 liters cans +
1 x 1 liter can

External dimensions LxDxH	900 x 640 x 850 mm
Internal working dimensions LxDxH	525 x 490 x 570 mm

External dimensions LxDxH	650 x 720 x 1950 mm
Internal working dimensions LxDxH	550 x 620 x 685 mm

- washing up to 95°C - antibacterical thermal disinfection
- user interface with touch colour display, simultaneous display on three independent levels of the operating parameters (program, progress status, temperature/remaining time/Ao/peristaltic pumps dosage, etc.)
- provided with a visual and acoustic communication system for operativity and alarms
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- internal memory for cycles, parameters and alarms datalogging
- provided with software to connect the device and monitoring cycles and parameters

- ready to Wi-Fi and Bluetooth connection
- forced hot air drying system with air filter 98% dop
- peristaltic pump for liquid detergent
- peristaltic pump for liquid neutralizer
- possibility of installing up to 3 additional peristaltic pumps
- incorporated water softener with salt sensor
- cold water, hot water and demineralized water connections
- electronic door lock system for user safety
- electrical connection: 3/N/PE 400 V - 50 Hz - 7 kW max (switchable to single-phase 230 V)
- 60 Hz version available
- without trolleys
- chamber capacity 147 litres

- washing up to 95°C - antibacterial thermal disinfection
- capacity up to 5 adjustable levels
- functioning protected by different levels password
- integrated built-in panel printer (optional)
- ethernet port for LAN connection (optional)
- electronic door lock system for user safety
- high pressure hot air drying system
- high efficiency Ecoslim steam condenser (optional)
- peristaltic pump for liquid detergent
- peristaltic pump for liquid neutralizer

- possibility of installing up to 2 additional peristaltic pumps
- cold water, hot water and demineralized water connections
- floor drain connection
- drain pump (optional)
- electrical connection: 3/N/PE 400 V - 50 Hz - 13 kW max
- 60 Hz version available
- without racks
- compatible with the "R" type inserts
- chamber capacity 234 litres

VERSION	NEUTRALIZER DOSING PUMP	DETERGENT DOSING PUMP	ADDITIONAL DOSING PUMPS (*)	STEAM CONDENSER	GLASS DOOR
GW5290-S0-000	●	●	○	-	-
GW5290-S0-00G	●	●	○	-	●
GW5290-SC-000	●	●	○	●	-
GW5290-SC-00G	●	●	○	●	●
GW5290-PC-000	●	●	●	●	-

(*) peristaltic pump for caustic soda solution - peristaltic pump for anti-foam additive

VERSION	SINGLE DROP DOWN DOOR	DOUBLE DROP DOWN DOOR	GLASS DOOR	STAINLESS STEEL DOOR	FAST CYCLES*	TELESCOPIC GUIDES
GW6010ML	●	-	●	-	-	●
GW6010MLX	●	-	-	●	-	●
GW6010L	-	●	●	-	-	-
GW6010LX	-	●	-	●	-	-
GW6010T	-	●	●	○	●	-
GW6010TM	●	-	●	○	●	-

* Thanks to 2 pre-heating tanks for cold and demineralized water, the average cycle time is only 35 minutes.

- ● standard feature
- ○ optional features (some can **only be installed in the factory at the time of ordering**)
- - feature not provided and not installable

- ● standard feature
- ○ optional features (some can **only be installed in the factory at the time of ordering**)
- - feature not provided and not installable

GW6290DSG

HIGH-CAPACITY LABORATORY GLASSWARE WASHER WITH DRYING SYSTEM AND GLASS DOOR

programs: 20 default + 20 custom

multi-language TFT colour touch screen

door made of stainless steel with porthole in tempered glass

USB port for downloading washing cycles log

External dimensions LxDxH	900 x 800 x 1950 mm
Internal working dimensions LxDxH	600 x 620 x 830 mm

- washing up to 95°C - antibacterical thermal disinfection
- functioning protected by different levels password
- n. 2 motors forced hot air drying system
- peristaltic pump for liquid detergent
- peristaltic pump for liquid neutralizer
- possibility of installing up to 3 additional peristaltic pumps
- possibility of having full stainless-steel door (cod. GW6290DS)
- washing chamber made of AISI 316L stainless steel
- all internal piping made of AISI 304 stainless steel
- external panels made of AISI 304 stainless steel
- detergent cabinet made of AISI 304 stainless steel for 4 x 5 liters cans

- washing up to 3 levels
- internal led light system
- n. 2 independent washing pumps
- high efficiency drain pump
- built-in boiler for fast cycles preheating water
- cold water, hot water and demineralized water connections
- double electronic door lock system for user safety
- emergency opening system
- electrical connection: 3/N/PE 400 V - 50 Hz - 18 kW max
- 60 Hz version available
- without trolley
- chamber capacity 405 litres

VERSION	STAINLESS STEEL DOOR	GLASS DOOR	INTERNAL LED LIGHT SYSTEM	FAST CYCLES*
GW6290DS	●	-	-	●
GW6290DSG	-	●	●	●

* Thanks to 2 pre-heating tanks for cold and demineralized water, the average cycle time is only 35 minutes.

● standard feature
○ optional features (some can **only be installed in the factory at the time of ordering**)
- feature not provided and not installable

GW7010

HIGH-CAPACITY LABORATORY GLASSWARE WASHER WITH SLIDING DOOR

multi-language TFT colour touch screen

programs: 20 default + 20 custom

USB port for downloading washing cycles log

washing chamber made of AISI 316L stainless steel and external panels made of AISI 304 stainless steel

detergent cabinet with removable tray for storing up to 3 x 5 liters cans + 1 x 1 liter can

External dimensions LxDxH	780 x 800 x 1950 mm
Internal working dimensions LxDxH	550 x 620 x 685 mm

- washing up to 95°C - antibacterial thermal disinfection
- capacity up to 5 adjustable levels
- functioning protected by different levels password
- integrated built-in panel printer (optional)
- ehernet port for LAN connection (optional)
- electronic door lock system for user safety
- high pressure hot air drying system
- high efficiency Ecoslim steam condenser (optional)
- peristaltic pump for liquid detergent
- peristaltic pump for liquid neutralizer

- possibility of installing up to 2 additional peristaltic pumps
- cold water, hot water and demineralized water connections
- floor drain connection
- drain pump (optional)
- electrical connection: 3/N/PE 400 V - 50 Hz - 13 kW max
- 60 Hz version available
- pass-through hole to insert for validation external temperature probes - max diameter available 9,5 mm (3/8")
- without racks
- chamber capacity 234 litres

VERSION	SINGLE SLIDING DOOR	DOUBLE SLIDING DOOR	GLASS DOOR	FAST CYCLES*
GW7010	-	●	●	-
GW7010M	●	-	●	-
GW7010T	-	●	●	●
GW7010TM	●	-	●	●

* Thanks to 2 pre-heating tanks for cold and demineralized water, the average cycle time is only 35 minutes.

● standard feature
○ optional features (some can **only be installed in the factory at the time of ordering**)
- feature not provided and not installable

GW7015

HIGH-CAPACITY LABORATORY GLASSWARE WASHER WITH SLIDING DOOR

washing chamber made of AISI 316L stainless steel and external panels made of AISI 304 stainless steel

detergent cabinet with removable tray for storing up to 4 cans of 5 liters and one of 2 liters

programs: 20 default + 20 custom

multi-language TFT colour touch screen on both sides

USB port for downloading washing cycles log

External dimensions LxDxH	900 x 1000 x 1942 mm
Internal working dimensions LxDxH	626 x 812 x 685 mm

- washing up to 95°C - antibacterial thermal disinfection
- capacity up to 6 adjustable levels
- functioning protected by different levels password
- integrated built-in panel printer (optional)
- n. 2 motors forced hot air drying system
- ethernet port for LAN connection (optional)
- electronic door lock system for user safety
- high pressure hot air drying system
- high efficiency Ecoslim steam condenser (optional)
- peristaltic pump for liquid detergent
- peristaltic pump for liquid neutralizer
- possibility of installing up to 3 additional peristaltic pumps

- cold water, hot water and demineralized water connections
- n. 2 independent washing pumps
- floor drain connection
- drain pump (optional)
- electrical connection: 3/N/PE 380-400 V - 50 Hz - 20 kW max
- 60 Hz version available
- pass-through hole to insert for validation external temperature probes - max diameter available 9,5 mm (3/8")
- without racks
- chamber capacity 348 litres

VERSION	SINGLE SLIDING DOOR	DOUBLE SLIDING DOOR	GLASS OOR	FAST CYCLES*
GW7015	-	●	●	-
GW7015M	●	-	●	-
GW7015T	-	●	●	●
GW7015TM	●	-	●	●

* Thanks to 2 pre-heating tanks for cold and demineralized water, the average cycle time is only 35 minutes.

● standard feature
○ optional features (some can **only be installed in the factory at the time of ordering**)
- feature not provided and not installable

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today recognized internationally as a point of excellence of Made in Italy.

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INSTRUMENTS

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