smeg
INSTRUMENTS

Laboratory

SOLUTIONS FOR INTEGRATED WORKFLOWS

A global brand

Founded in **1948**, the SMEG Group, an acronym for **Smalterie Metallurgiche Emiliane Guastalla**, is a proudly Italian company renowned for the responsible production of domestic and professional appliances that embody the perfect balance between **technology** and **design**, fully expressing the essence of **Made in Italy**.

Having consolidated its leadership in the **household appliances** sector, since 1985 the Group has expanded its expertise into the **professional field**. Through the brand **Smeg Instruments and FRIMED S.r.l.**, the Group operates in the **medical**, **pharmaceutical**, **laboratory** and **care sectors**, offering **technologically advanced solutions** for refrigeration, washing, disinfection and sterilization.



Made in Italy tailor-made solutions for hospitals

Thanks to its long and consolidated experience in the **in-house production** of technologies for the treatment of medical instruments, Smeg guarantees **high-standard performances**.

Smeg has **5 production facilities**, two of which, **FRIMED** and **Bonferraro**, are dedicated to this division. **Know-how, creativity and sophistication** are the hallmarks of Smeg's Italian spirit and its commitment to creating **professional appliances** that meet market demands.

Not only efficient products that address diverse washing and storage needs, but also **robust machines** with a sophisticated design that enhance the workplace environment.

Engineering excellence

Certified laboratories, through advanced material knowledge and cutting-edge technology, interpret the needs of industry professionals, developing products that deliver **durability, safety, flexibility of use and efficiency**.

Constant and **rigorous testing** throughout production ensures **total reliability**. Moreover, thanks to advanced interfaces and flexible programming solutions, every Smeg product meets multiple professional needs, ensuring **ease of use** and **smart resource management**.

Responsible production

Smeg is committed to **responsible manufacturing**, ensuring full compliance with international standards and adopting processes that minimise energy waste.

Sustainability guides every stage of its supply chain, from selecting **environmentally certified suppliers** to using r**ecyclable packaging** and favouring **low-impact transport**. Over the past decade, the company has significantly reduced **emissions, water consumption** and **material use**, while increasing **waste sorting** and **recycling**.

This approach reflects a broader vision: developing low-impact appliances supported by production methods that exceed **environmental protection requirements**.

Smeg Instruments products embody this commitment, combining high performance with low consumption and prioritising **maximum energy efficiency** to protect the environment and enhance quality of life.

Global assistance for local expertise

Supported by a **widespread technical service** network in Italy and worldwide, Smeg assists customers throughout the entire **product lifecycle**.

Commissioning and **staff training** are carried out by specialised personnel trained directly by Smeg, as is the **after-warranty service**.

The technical service centre provides **international training and support** through multilingual specialist teams. Choosing Smeg ensures access to **timely after-sales service, 24-hour spare parts delivery, and rapid problem resolution**.



Solutions for washing and disinfection

Laboratory glassware washers

Effective and safe daily disinfection of glassware and laboratory materials is a fundamental requirement for every **scientific environment**.
Smeg laboratory glassware washers are designed to meet this need, delivering **high-performance cleaning** and **disinfection cycles** that ensure consistent, reliable results. Engineered for **precision, efficiency, and durability**, they support laboratories in maintaining the highest standards of hygiene, safety, and operational continuity.

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 and LAN**.

01

UNDERCOUNTER GLASSWARE WASHERS

Designed to deliver **maximum loading flexibility**, enhanced operational efficiency, and outstanding cleaning performance, they integrate advanced technical solutions with an intuitive and streamlined user experience. Built-in compact design, optimized resource consumption, and exceptional reliability make them ideal for demanding laboratories and professional environments.



02

HIGH CAPACITY GLASSWARE WASHERS

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.



01. Undercounter glassware washers

FlexiLoad loading system

FlexiLoad system represents an evolution in laboratory washing management. Designed to ensure maximum loading flexibility, efficiency and superior cleaning results, it combines advanced technical solutions with a simplified user experience.

Key features

- MAXIMUM ADAPTABILITY TO THE LOAD
  Flexible modules allow the washing chamber to be configured according to the **shape, size, and type of glassware** to be washed (bottles, flasks, pipettes, vials, etc.). This enables optimized use of the internal space, even with mixed loads.
- CUSTOMIZABLE AND MODULAR CONFIGURATION
  Modules can be quickly replaced or reconfigured, making the machine extremely **versatile and ready to adapt** to different types of glassware, saving significant time for the user.
- GREATER OPERATIONAL EFFICIENCY
  Fewer washing cycles are needed thanks to **improved load optimization**, resulting in lower consumption of water, energy and detergents.

FULL VISIBILITY OF OPERATIONS

Full visibility of every washing phase is ensured by the glass door and the integrated LED lighting inside the chamber. The **LED light on the door handle** (FlexiLoad Plus) provides clear status feedback, allowing users to monitor operations at a glance and manage laboratory workflows with greater confidence and control.



Cycle in progress



Cycle completed



Alarm / malfunction

Full range

FlexiLoad

Engineered to deliver maximum flexibility and efficiency, the FlexiLoad range ensures **outstanding washing performance** across a wide variety of laboratory glassware. Its **modular configuration** and **optimized hydraulic system** provide reliable, repeatable results with intuitive operation and robust construction for demanding environments.





FlexiLoad PLUS

Building on and enhancing the core strengths of the FlexiLoad range, the FlexiLoad Plus elevates both performance and user experience. An elegant glass front panel, a large **7” TFT touch screen display**, and a double control board architecture allow **advanced feature management** and **optional integrations** with greater precision, control, and operational efficiency.

Functions

ADVANCED HYDRAULIC SYSTEM

- Redesigned hydraulic circuit for optimal washing performance.
- Machine-to-rack connection prevents pressure loss and optimizes water flow.

CUTTING-EDGE SPRAY ARMS

- Angled, removable, and easy-to-clean tips ensuring cleaning, even in hard-to-reach areas.
- Optional upper spray arm for additional top water pressure.

EFFICIENT DRYING SYSTEM

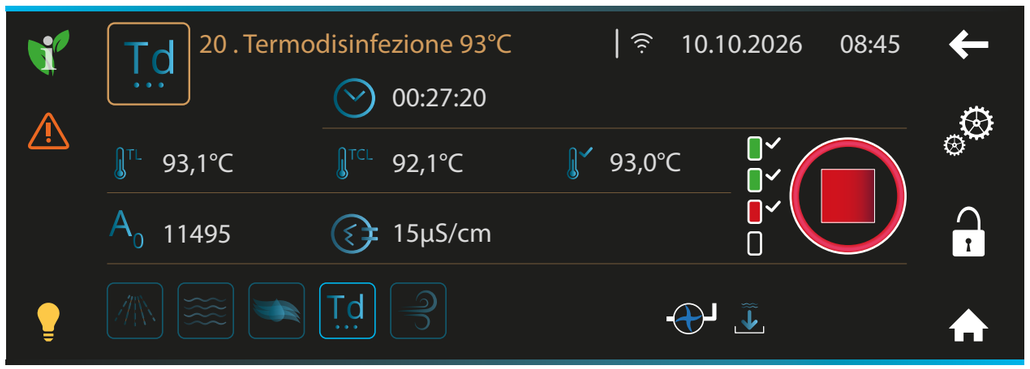
- 50% more power compared to previous generation for faster drying times.
- Glassware ready for use with no residues.



User-friendly display for optimized use

7'' FULL-COLOR TOUCH DISPLAY

The machine features a 7" full-colour touch screen designed for **clarity and ease of use**. Its intuitive layout presents system status, settings, and performance data at a glance. **Clear icons, logical navigation, and guided prompts** ensure fast operation, reduced errors, and a smooth user experience, even for first-time users.



ACCESSIBILITY, SECURITY AND SELF-DIAGNOSTIC

All crucial data are visible on a single, well-organized screen for maximum transparency and control. **Sensitive parameters are protected within password-secured sub-menus**, safeguarding data integrity, process reliability and self-diagnostic.

EASE OF SELECTION

The washing program menu provides instant access to preferred and most-used cycles. Each program clearly displays temperature, duration, and features before start. With **40 programs available** (20 preset and 20 fully customizable) the system offers the perfect balance between reliability and flexibility.



GWF06

FlexiLoad | Laboratory glassware washer

- washing up to 85 °C - antibacterical thermal disinfection
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- provided with a visual and acoustic communication system for operativity and alarms
- internal memory for cycles, parameters and alarms datalogging
- equipped with connection software included for monitoring cycles and parameters, creating customized programs and downloading archives
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- possibility of having powder or liquid detergent with dedicated peristaltic dosing pump
- 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
- electronic door lock system for user safety
- cold water and demineralized water connections as default configuration
- wall drain pump
- default electrical connection: 3/N/PE 400 V - 50 Hz
- convertible in single phase 1/N/PE 230 V - 50 Hz or tri-phase w/o neutral 230V 3~ - 50Hz through dedicated optional kits
- 60 Hz versions available
- chamber capacity 152 litres

MODULAR LOADING SYSTEM TO ENSURE A HIGHLY FLEXIBLE AND CUSTOMIZABLE CHAMBER CONFIGURATION BASED ON THE SHAPE, SIZE AND TYPE OF GLASSWARE TO BE WASHED

FRONT PANEL IN GLASS WITH LCD TOUCH-ON-GLASS DISPLAY AND USB PORT FOR CONNECTIVITY

PROGRAMS AVAILABLE: 7 DEFAULT + 1 FOR SERVICE

WASHING CHAMBER AND INTERNAL DOOR IN AISI 304 STAINLESS STEEL



Version	POWDER DETERGENT DISPENSER	NEUTRALIZER DOSING PUMP	LIQUID DETERGENT DOSING PUMP
GWF06-00-00J	▪	▪	▫
GWF06-S0-00J	-	▪	▪

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

External dimensions WxDxH	600x605x850 mm
Internal working dimensions WxDxH	525x520x555 mm

GWF16

FlexiLoad | Laboratory glassware washer

- washing up to 95 °C - antibacterical thermal disinfection
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- provided with a visual and acoustic communication system for operativity and alarms
- internal memory for cycles, parameters and alarms datalogging
- equipped with connection software included for monitoring cycles and parameters, creating customized programs and downloading archives
- optional built-in panel printer
- optional RS232 serial port and Ethernet port for LAN connection
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- possibility of having powder or liquid detergent with dedicated peristaltic dosing pump
- 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
- electronic door lock system for user safety
- pass-through hole for temperature probe access into the chamber
- cold water and demineralized water connections as default configuration
- ready to hot water connection (to be purchased as option)
- wall drain pump
- default electrical connection: 3/N/PE 400 V - 50 Hz
- convertible in single phase 1/N/PE 230 V - 50 Hz or tri-phase w/o neutral 230V 3~ - 50Hz through dedicated optional kits
- 60 Hz versions available
- chamber capacity 152 litres

Version	POWDER DETERGENT DISPENSER	NEUTRALIZER DOSING PUMP	LIQUID DETERGENT DOSING PUMP	STEAM CONDENSER	GLASS DOOR
GWF16-00-000	▪	▪	▫	-	-
GWF16-0C-000	▪	▪	▫	▪	-
GWF16-S0-000	-	▪	▪	-	-
GWF16-SC-000	-	▪	▪	▪	-
GWF16-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

MODULAR LOADING SYSTEM TO ENSURE A HIGHLY FLEXIBLE AND CUSTOMIZABLE CHAMBER CONFIGURATION BASED ON THE SHAPE, SIZE AND TYPE OF GLASSWARE TO BE WASHED

FRONT PANEL IN GLASS WITH LCD TOUCH-ON-GLASS DISPLAY AND USB PORT FOR CONNECTIVITY

PROGRAMS AVAILABLE: 20 DEFAULT + 20 CUSTOM + 1 FOR SERVICE

WASHING CHAMBER AND INTERNAL DOOR IN AISI 316L STAINLESS STEEL



External dimensions WxDxH	600x605x850 mm
Internal working dimensions WxDxH	525x520x555 mm

GWF26

FlexiLoad | Laboratory glassware washer with drying system

- washing up to 95 °C - antibacterical thermal disinfection
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- provided with a visual and acoustic communication system for operativity and alarms
- internal memory for cycles, parameters and alarms datalogging
- equipped with connection software included for monitoring cycles and parameters, creating customized programs and downloading archives
- optional built-in panel printer
- optional RS232 serial port and Ethernet port for LAN connection
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- optional internal LED lighting for washing chamber
- forced hot-air drying system with air filter 98% DOP
- ready for absolute HEPA filter H14 (to be purchased as option)
- possibility of having powder or liquid detergent with dedicated peristaltic dosing pump
- 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
- electronic door lock system for user safety
- pass-through hole for temperature probe access into the chamber
- cold water and demineralized water connections as default configuration
- ready to hot water connection (to be purchased as option)
- wall drain pump
- default electrical connection: 3/N/PE 400 V - 50 Hz
- convertible in single phase 1/N/PE 230 V - 50 Hz or tri-phase w/o neutral 230V 3~ - 50Hz through dedicated optional kits
- 60 Hz versions available
- chamber capacity 152 litres

Version	POWDER DETERGENT DISPENSER	NEUTRALIZER DOSING PUMP	LIQUID DETERGENT DOSING PUMP	STEAM CONDENSER	GLASS DOOR
GWF26-00-000	▪	▪	▫	-	-
GWF26-0C-000	▪	▪	▫	▪	-
GWF26-S0-000	-	▪	▪	-	-
GWF26-SC-000	-	▪	▪	▪	-
GWF26-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

MODULAR LOADING SYSTEM FOR FLEXIBLE CHAMBER CONFIGURATION

PROGRAMS AVAILABLE: 20 DEFAULT + 20 CUSTOM + 1 FOR SERVICE

FRONT PANEL IN GLASS WITH LCD TOUCH-ON-GLASS DISPLAY AND USB PORT FOR CONNECTIVITY

WASHING CHAMBER AND INTERNAL DOOR IN AISI 316L STAINLESS STEEL



External dimensions WxDxH	**600x605x850 mm**
Internal working dimensions WxDxH	**525x520x555 mm**

GWF29

FlexiLoad | Laboratory glassware washer with drying system

- washing up to 95 °C - antibacterical thermal disinfection
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- 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
- equipped with connection software included for monitoring cycles and parameters, creating customized programs and downloading archives
- optional built-in panel printer
- optional RS232 serial port and Ethernet port for LAN connection
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- optional internal LED lighting for washing chamber
- forced hot-air drying system with air filter 98% DOP
- ready for absolute HEPA filter H14 (to be purchased as option)
- possibility of having powder or liquid detergent with dedicated peristaltic dosing pump
- peristaltic dosing pump for acid liquid neutralizer
- possibility of installing 2 additional peristaltic pumps
- detergent compartment with front telescopic opening, 2 x 5-litre canisters capacity (up to 4 with dedicated optional)
- incorporated high efficiency water softener with salt sensor
- communication via display of the progressive status of the washing cycle
- electronic door lock system for user safety
- pass-through hole for temperature probe access into the chamber
- cold water and demineralized water connections as default configuration
- ready to hot water connection (to be purchased as option)
- wall drain pump
- default electrical connection: 3/N/PE 400 V - 50 Hz
- convertible in single phase 1/N/PE 230 V - 50 Hz or tri-phase w/o neutral 230V 3~ - 50Hz through dedicated optional kits
- 60 Hz versions available
- chamber capacity 152 litres

Version	POWDER DETERGENT DISPENSER	NEUTRALIZER DOSING PUMP	LIQUID DETERGENT DOSING PUMP	STEAM CONDENSER	GLASS DOOR
GWF29-00-000	▪	▪	▫	-	-
GWF29-0C-000	▪	▪	▫	▪	-
GWF29-S0-000	-	▪	▪	-	-
GWF29-SC-000	-	▪	▪	▪	-
GWF29-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

MODULAR LOADING SYSTEM FOR FLEXIBLE CHAMBER CONFIGURATION

FRONT PANEL IN GLASS WITH LCD TOUCH-ON-GLASS DISPLAY AND USB PORT FOR CONNECTIVITY

PROGRAMS AVAILABLE: 20 DEFAULT + 20 CUSTOM + 1 FOR SERVICE

WASHING CHAMBER AND INTERNAL DOOR IN AISI 316L STAINLESS STEEL



External dimensions WxDxH	**900x605x850 mm**
Internal working dimensions WxDxH	**525x520x555 mm**

GWF46

FlexiLoad PLUS | Laboratory glassware washer with drying system

- washing up to 95 °C - antibacterical thermal disinfection
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- provided with a visual and acoustic communication system for operativity and alarms
- internal memory for cycles, parameters and alarms datalogging
- equipped with connection software included for monitoring cycles and parameters, creating customized programs and downloading archives
- optional RS232 serial port and Ethernet port for LAN connection
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- optional internal LED lighting for washing chamber
- optional spraying arm rotation control system
- forced hot-air drying system with air filter 98% DOP
- ready for absolute HEPA filter H14 (to be purchased as option)
- peristaltic dosing pump for liquid detergent
- peristaltic dosing pump for acid liquid neutralizer
- possibility of installing 2 additional peristaltic pumps
- optional flowmeter on peristaltic pumps
- incorporated high efficiency water softener with salt sensor
- communication via display of the progressive status of the washing cycle
- optional multi-colour LED lights on door handle for cycle status signalling
- electronic door lock system for user safety
- pass-through hole for temperature probe access into the chamber
- optional conductivity sensor for quality washing check
- cold water, hot water and demineralized water connections as default configuration
- wall drain pump
- optional double drain valve
- default electrical connection: 3/N/PE 400 V - 50 Hz
- convertible in single phase 1/N/PE 230 V - 50 Hz or tri-phase w/o neutral 230V 3~ - 50Hz through dedicated optional kits
- 60 Hz versions available
- chamber capacity 152 litres

Version	NEUTRALIZER DOSING PUMP	LIQUID DETERGENT DOSING PUMP	ADDITIONAL PERISTALTIC PUMPS	STEAM CONDENSER	GLASS DOOR
GWF46-S0-000	▪	▪	▫	-	-
GWF46-SC-000	▪	▪	▫	▪	-
GWF46-SC-00G	▪	▪	▫	▪	▪
GWF46-PC-000	▪	▪	▪	▪	-

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

MODULAR LOADING SYSTEM FOR FLEXIBLE CHAMBER CONFIGURATION

FRONT PANEL IN GLASS WITH 7” TOUCH SCREEN TFT DISPLAY AND USB PORT FOR CONNECTIVITY

DUAL CONTROL BOARD FOR ADVANCED FUNCTIONS AND ENHANCED PERFORMANCE

PROGRAMS AVAILABLE: 20 DEFAULT + 20 CUSTOM + 1 FOR SERVICE

OPTIONAL MULTI-COLOR LED LIGHTS ON DOOR HANDLE



External dimensions WxDxH	600x605x850 mm
Internal working dimensions WxDxH	525x520x555 mm

GWF49

FlexiLoad PLUS | Laboratory glassware washer with drying system

- washing up to 95 °C - antibacterical thermal disinfection
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- provided with a visual and acoustic communication system for operativity and alarms
- internal memory for cycles, parameters and alarms datalogging
- equipped with connection software included for monitoring cycles and parameters, creating customized programs and downloading archives
- optional built-in panel printer
- optional RS232 serial port and Ethernet port for LAN connection
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- optional internal LED lighting for washing chamber
- optional spraying arm rotation control system
- forced hot-air drying system with air filter 98% DOP
- ready for absolute HEPA filter H14 (to be purchased as option)
- peristaltic dosing pump for liquid detergent
- peristaltic dosing pump for acid liquid neutralizer
- possibility of installing 3 additional peristaltic pumps
- optional flowmeter on peristaltic pumps
- detergent compartment with front telescopic opening, 2 x 5-litre canisters capacity (up to 4 with dedicated optional)
- incorporated high efficiency water softener with salt sensor
- communication via display of the progressive status of the washing cycle
- optional multi-colour LED lights on door handle for cycle status signalling
- electronic door lock system for user safety
- pass-through hole for temperature probe access into the chamber
- optional conductivity sensor for quality washing check
- cold water, hot water and demineralized water connections as default configuration
- wall drain pump
- optional double drain valve
- default electrical connection: 3/N/PE 400 V - 50 Hz
- convertible in single phase 1/N/PE 230 V - 50 Hz or tri-phase w/o neutral 230V 3~ - 50Hz through dedicated optional kits
- 60 Hz versions available
- chamber capacity 152 litres

Version	NEUTRALIZER DOSING PUMP	LIQUID DETERGENT DOSING PUMP	ADDITIONAL PERISTALTIC PUMPS	STEAM CONDENSER	GLASS DOOR
GWF49-S0-000	▪	▪	▫	-	-
GWF49-SC-000	▪	▪	▫	▪	-
GWF49-SC-00G	▪	▪	▫	▪	▪
GWF49-PC-000	▪	▪	▪	▪	-

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

MODULAR LOADING SYSTEM FOR FLEXIBLE CHAMBER CONFIGURATION

FRONT PANEL IN GLASS WITH 7” TOUCH SCREEN TFT DISPLAY AND USB PORT FOR CONNECTIVITY

DUAL CONTROL BOARD FOR ADVANCED FUNCTIONS AND ENHANCED PERFORMANCE

PROGRAMS AVAILABLE: 20 DEFAULT + 20 CUSTOM + 1 FOR SERVICE

OPTIONAL MULTI-COLOR LED LIGHTS ON DOOR HANDLE



External dimensions WxDxH	**900x605x850 mm**
Internal working dimensions WxDxH	**525x520x555 mm**

GW1245

Concept | Laboratory glassware washer 45 cm

- glassware washer for washing and disinfecting of glassware and various laboratory material
- washing up to 95 °C - antibacterical thermal disinfection
- user interface with touch colour display, simultaneous display on 3 independent levels of the operating parameters (program, progress status, temperature/remaining time/Ao/peristaltic pumps dosage, etc.)
- display front panel in glass with LCD display and USB frontal port for connectivity
- provided with a visual and acoustic communication system for operativity and alarms
- programs available: 20 default + 20 custom + 1 for service
- 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
- washing chamber and internal door in AISI 316L stainless steel
- external panels made of AISI 304 stainless steel
- n. 2 independent washing levels through telescopic guides
- peristaltic dosing pump for liquid detergent
- 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
- external dimensions LxDxH: 450 x 620 x 850 mm
- internal working dimensions LxDxH: 370 x 480 x 570 mm
- 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

Version	NEUTRALIZER DOSING PUMP	LIQUID DETERGENT DOSING PUMP	ADDITIONAL PERISTALTIC PUMPS	STEAM CONDENSER
GW1245-S0-100	▪	▪	-	-

▪ standard feature - feature not provided and not installable

EXTREME COMPACT DIMENSION: 45 CM

PROGRAMS AVAILABLE: 20 DEFAULT + 20 CUSTOM + 1 FOR SERVICE

IDEAL SOLUTION FOR SMALL LABS WITH LESS QUANTITY OF GLASSWARE TO BE REPROCESSED

WASHING CHAMBER AND INTERNAL DOOR IN AISI 316L STAINLESS STEEL



External dimensions WxDxH	**450x620x850 mm**
Internal working dimensions WxDxH	**370x480x570 mm**

Racks, modules and accessories: enhanced capacity, superior flexibility

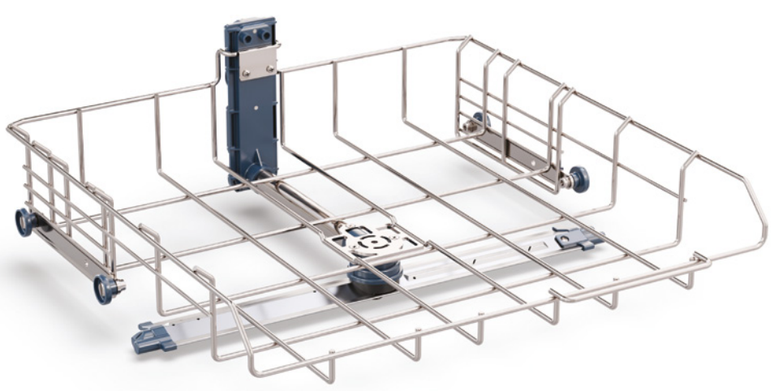
Smeg undercounter glassware washers are equipped with two perfectly identical levels, allowing for effective and **optimized load management**.

The upper level is fully reconfigurable at **two different heights** to accommodate glassware of various sizes, reducing operating costs and simplifying daily equipment handling.

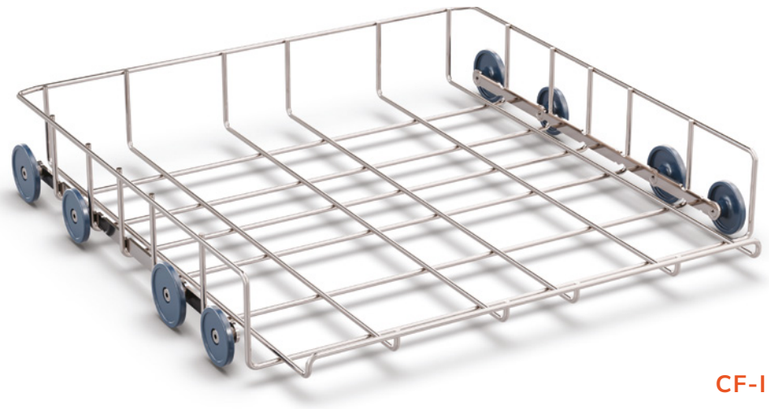
Thanks to a tank with a usable height of 555 mm, the machine allows the washing of 1000 ml bottles **on both levels simultaneously**, or large-sized glassware (up to 585 mm) on a single loading level.

Racks for spray washing

Designed to accommodate **wide-neck glassware** for spray washing applications. If required, it can be equipped with **dedicated support grids** and configured to hold specific washing baskets and accessories, ensuring **stable positioning** and optimal cleaning performance.



CFM-S



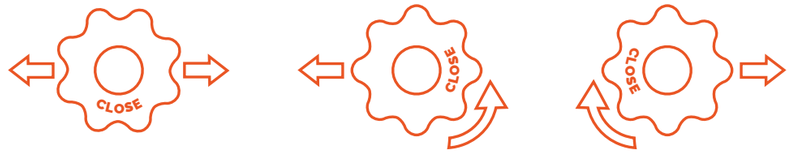
CF-I

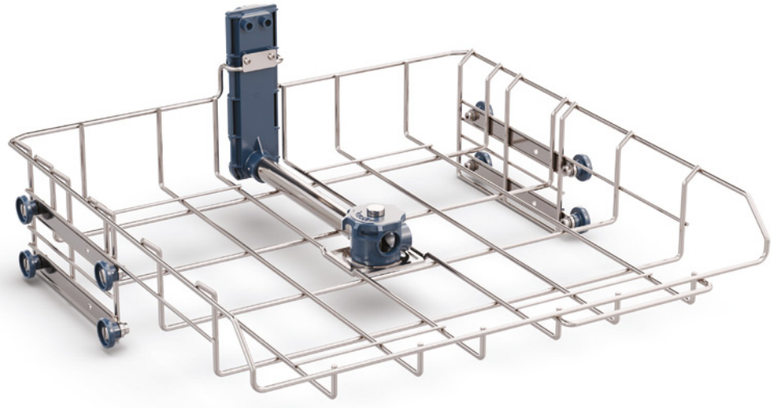
Racks for injection washing

Specifically engineered for **injection washing** applications and optimized for use with dedicated washing modules. When required, the rack can also be configured for **spray washing** by easily removing the injection collector (TCFL), and equipped with dedicated support grids, ensuring maximum versatility and performance.

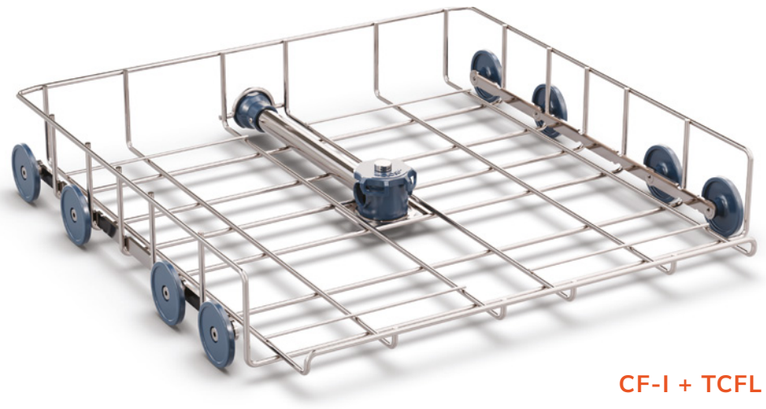
Engineered to eliminate pressure loss

Central selector allowing two modules to be installed simultaneously or enabling the hydraulic flow to be diverted to a specific module or manifold (required when using a single module per washing level).





CFL-S

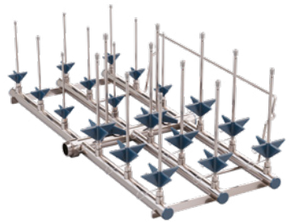


CF-I + TCFL

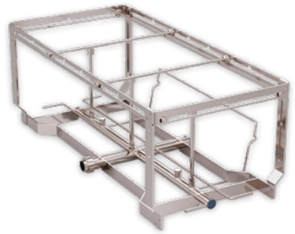
Modules for unlimited loading solutions



MFL-8P
8-position module designed for injection washing of medium-sized narrow-neck glassware (e.g., bottles, flasks, Erlenmeyers), intended for laboratory cleaning of items up to 1 litre capacity.



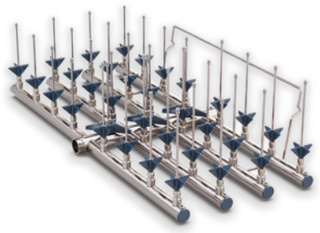
MFL-20P
20-position module designed for injection washing of small to medium narrow-neck glassware (e.g., small bottles, flasks).



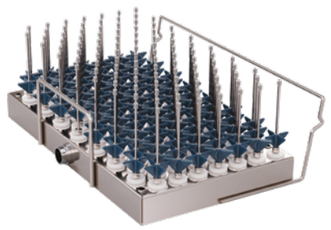
MFL-LBT3
Designed for injection washing of large bottles and large-capacity flasks (up to 5 litres), intended for laboratory cleaning of bulky glass containers.



MFL-C4B4
Designed for injection washing of 4 graduated cylinders combined with additional smaller glassware, intended for mixed laboratory loads requiring simultaneous cleaning of cylinders and small-to-medium items.



MFL-35P
35-position module designed for injection washing of small narrow-neck glassware (e.g., small flasks, test tubes, vials), intended for processing large quantities of small-volume laboratory items.



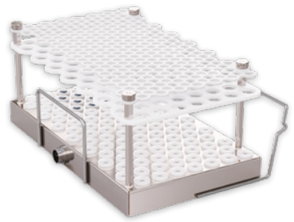
MFL-KP100
Designed for injection washing of up to 105 vials and test tubes, intended for high-throughput cleaning of small hollow laboratory glassware.



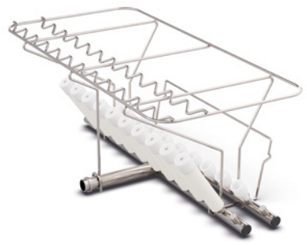
MFL-C8
Designed for injection washing of up to 8 graduated cylinders of different capacities, intended for the dedicated cleaning of volumetric cylinders in a single load.



MFL-IRS
Designed as rinsing support module for wide-neck laboratory glassware, intended to enhance spraying washing performance in dedicated applications.



MFL-PT100
Designed for injection washing of up to 105 laboratory pipettes, intended for high-capacity processing of standard pipettes.



MFL-PT20L
Designed for injection washing of large pipettes (up to 580 mm length), intended for laboratory cleaning of long-volume pipettes.

02.
High-capacity glassware washers

Large capacity laboratory glassware washers

The large-capacity range represents the next step in laboratory washing performance for medium and large facilities.

Designed to handle high volumes of glassware with maximum efficiency, it combines superior loading capacity, advanced hydraulic technology, and consistent, repeatable cleaning results.

Key features

- HIGH LOADING CAPACITY
  Spacious washing chamber designed to process **large volumes of glassware** in a single cycle, ideal for medium and large laboratories with intensive daily workloads.
- ADVANCED TRACEABILITY SYSTEMS
  Full cycle data recording via **USB port, LAN printer connection**, or dedicated software, ensuring complete process traceability and supporting compliance with laboratory quality standards and validation protocols.
- ENHANCED PRODUCTIVITY
  Increased capacity reduces the number of washing cycles required, **lowering water, energy, and detergent consumption** while improving overall laboratory workflow efficiency.

FAST CYCLES

All “T” models for 6010, 7010 and 7015 families, provided with **internal LED lighting** system integrated, are equipped with **n. 2 pre-heating tanks** for cold and demineralized water in order to minimize the cycle time: with this solution the average cycle time is **only 35 minutes**, allowing to increase the number of daily washes and, at the same time, to reduce the power consumption for each cycle.

-45% **-20%**

Full range

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

High-capacity laboratory glassware washer

- washing up to 95°C - antibacterial thermal disinfection
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- provided with a visual and acoustic communication system for operativity and alarms
- internal memory for cycles, parameters and alarms datalogging
- equipped with connection software included for monitoring cycles and parameters, creating customized programs and downloading archives
- optional built-in panel printer
- optional Ethernet port for LAN connection
- external panels made of AISI 304 stainless steel
- optional internal LED lighting for washing chamber
- optional spraying arm rotation control system
- forced hot-air drying system with air filter 98% DOP
- ready for absolute HEPA filter H14 (to be purchased as option)
- optional high efficiency Ecoslim steam condenser
- peristaltic pumps for liquid detergent and neutralizer
- possibility of installing up to 2 additional peristaltic pumps
- optional flowmeter on peristaltic pumps
- detergent cabinet with removable tray for storing up to 3 x 5 litres cans + 1 x 1 litre can
- communication via display of the progressive status of the washing cycle
- electronic door lock system for user safety
- optional conductivity sensor for quality washing check
- cold water, hot water and demineralized water connections
- floor drain connection (optional wall drain pump)
- optional double drain valve
- electrical connection: 3/N/PE 400 V - 50 Hz
- 60 Hz version available
- chamber capacity 234 litres

Version	SINGLE DROP DOWN DOOR	DOUBLE DROP DOWN DOOR	GLASS DOOR	STAINLESS STEEL DOOR	FAST CYCLES	TELESCOPIC GUIDES
GW6010ML	▪	-	▪	-	-	▪
GW6010MLX	▪	-	-	▪	-	▪
GW6010L	-	▪	▪	-	-	-
GW6010LX	-	▪	-	▪	-	-
GW6010T	-	▪	▪	▫	▪	-
GW6010TM	▪	-	▪	▫	▪	-

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

FRONT PANEL IN GLASS WITH MULTI-LANGUAGE TFT COLOUR TOUCH SCREEN DISPLAY AND USB PORT FOR CONNECTIVITY

PROGRAMS AVAILABLE: 20 DEFAULT + 20 CUSTOM + 1 FOR SERVICE

CAPACITY UP TO 5 ADJUSTABLE WASHING LEVELS

SINGLE OR DOUBLE GLASS DROP-DOWN DOOR – STAINLESS STEEL DOOR VERSIONS AVAILABLE

WASHING CHAMBER AND INTERNAL DOOR IN AISI 316L STAINLESS STEEL



External dimensions WxDxH	**650x720x1950 mm**
Internal working dimensions WxDxH	**550x620x685 mm**

GW7010

High-capacity laboratory glassware washer

- washing up to 95°C - antibacterial thermal disinfection
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- provided with a visual and acoustic communication system for operativity and alarms
- internal memory for cycles, parameters and alarms datalogging
- equipped with connection software included for monitoring cycles and parameters, creating customized programs and downloading archives
- optional built-in panel printer
- optional Ethernet port for LAN connection
- external panels made of AISI 304 stainless steel
- optional internal LED lighting for washing chamber
- optional spraying arm rotation control system
- forced hot-air drying system with air filter 98% DOP
- ready for absolute HEPA filter H14 (to be purchased as option)
- optional high efficiency Ecoslim steam condenser
- peristaltic pumps for liquid detergent and neutralizer
- possibility of installing up to 2 additional peristaltic pumps
- optional flowmeter on peristaltic pumps
- detergent cabinet with removable tray for storing up to 3 x 5 litres cans + 1 x 1 litre can
- communication via display of the progressive status of the washing cycle
- electronic door lock system for user safety
- optional conductivity sensor for quality washing check
- cold water, hot water and demineralized water connections
- floor drain connection (optional wall drain pump)
- optional double drain valve
- electrical connection: 3/N/PE 400 V - 50 Hz
- 60 Hz version available
- chamber capacity 234 litres

Version	SINGLE SLIDING DOOR	DOUBLE SLIDING DOOR	GLASS DOOR	FAST CYCLES
GW7010	-	▪	▪	-
GW7010M	▪	-	▪	-
GW7010T	-	▪	▪	▪
GW7010TM	▪	-	▪	▪

▪ standard feature - feature not provided and not installable

FRONT PANEL IN GLASS WITH MULTI-LANGUAGE TFT COLOUR TOUCH SCREEN DISPLAY AND USB PORT FOR CONNECTIVITY

PROGRAMS AVAILABLE: 20 DEFAULT + 20 CUSTOM + 1 FOR SERVICE

CAPACITY UP TO 5 ADJUSTABLE WASHING LEVELS

SINGLE OR DOUBLE GLASS SLIDING DOOR

WASHING CHAMBER AND INTERNAL DOOR IN AISI 316L STAINLESS STEEL



External dimensions WxDxH	650x720x1950 mm
Internal working dimensions WxDxH	550x620x685 mm

GW7015

High-capacity laboratory glassware washer

- washing up to 95°C - antibacterial thermal disinfection
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- provided with a visual and acoustic communication system for operativity and alarms
- internal memory for cycles, parameters and alarms datalogging
- equipped with connection software included for monitoring cycles and parameters, creating customized programs and downloading archives
- optional built-in panel printer
- optional Ethernet port for LAN connection
- external panels made of AISI 304 stainless steel
- optional internal LED lighting for washing chamber
- optional spraying arm rotation control system
- 2 indipendent washing pumps for greater washing pressure
- forced hot-air drying system made by 2 motors with air filters 98% DOP
- ready for absolute HEPA filters H14 (to be purchased as option)
- optional high efficiency Ecoslim steam condenser
- peristaltic pumps for liquid detergent and neutralizer
- possibility of installing up to 3 additional peristaltic pumps
- optional flowmeter on peristaltic pumps
- detergent cabinet with removable tray for storing up to 4 x 5 litres cans + 1 x 2 litre can
- communication via display of the progressive status of the washing cycle
- electronic door lock system for user safety
- optional conductivity sensor for quality washing check
- cold water, hot water and demineralized water connections
- floor drain connection (optional wall drain pump)
- optional double drain valve
- electrical connection: 3/N/PE 400 V - 50 Hz
- 60 Hz version available
- chamber capacity 354 litres

Version	SINGLE SLIDING DOOR	DOUBLE SLIDING DOOR	GLASS DOOR	FAST CYCLES
GW7015	-	▪	▪	-
GW7015M	▪	-	▪	-
GW7015T	-	▪	▪	▪
GW7015TM	▪	-	▪	▪

▪ standard feature - feature not provided and not installable

FRONT PANEL IN GLASS WITH MULTI-LANGUAGE TFT COLOUR TOUCH SCREEN DISPLAY AND USB PORT FOR CONNECTIVITY

PROGRAMS AVAILABLE: 20 DEFAULT + 20 CUSTOM + 1 FOR SERVICE

CAPACITY UP TO 6 ADJUSTABLE WASHING LEVELS

SINGLE OR DOUBLE GLASS SLIDING DOOR

WASHING CHAMBER AND INTERNAL DOOR IN AISI 316L STAINLESS STEEL



External dimensions WxDxH	900x1000x1942 mm
Internal working dimensions WxDxH	626x826x685 mm

GW6290

High-capacity laboratory glasswasher

- washing up to 95°C - antibacterial thermal disinfection
- microprocessor electronic control provided with 3 safety levels for parameters editing and adjusting
- provided with a visual and acoustic communication system for operativity and alarms
- internal memory for cycles, parameters and alarms datalogging
- equipped with connection software included for monitoring cycles and parameters, creating customized programs and downloading archives
- optional built-in panel printer
- optional Ethernet port for LAN connection
- external panels made of AISI 304 stainless steel
- internal piping made of AISI 304 stainless steel
- optional internal LED lighting for washing chamber (standard for glass door version)
- 2 indipendent washing pumps for greater washing pressure
- forced hot-air drying system made by 2 motors with air filters 98% DOP
- ready for absolute HEPA filters H14 (to be purchased as option)
- peristaltic pumps for liquid detergent and neutralizer
- possibility of installing up to 3 additional peristaltic pumps
- optional flowmeter on peristaltic pumps
- detergent cabinet with removable tray for storing up to 4 x 5 litres cans
- communication via display of the progressive status of the washing cycle
- double electronic door lock system for user safety
- optional conductivity sensor for quality washing check
- cold water, hot water and demineralized water connections
- floor drain connection (optional wall drain pump)
- optional double drain valve
- electrical connection: 3/N/PE 400 V - 50 Hz
- 60 Hz version available
- chamber capacity 405 litres

Version	STAINLESS STEEL DROP-DOWN DOOR	GLASS PORTHOLE	FAST CYCLES	INTERNAL LED LIGHTING SYSTEM
GW6290DS	▪	-	▪	-
GW6290DSG	▪	▪	▪	▪

▪ standard feature - feature not provided and not installable

FRONT PANEL IN GLASS WITH MULTI-LANGUAGE TFT COLOUR TOUCH SCREEN DISPLAY AND USB PORT FOR CONNECTIVITY

PROGRAMS AVAILABLE: 20 DEFAULT + 20 CUSTOM + 1 FOR SERVICE

CAPACITY UP TO 3 ADJUSTABLE WASHING LEVELS THROUGH TELESCOPIC GUIDES

BUILT-IN PRE-HEATING TANK FOR FAST CYCLES

WASHING CHAMBER AND INTERNAL DOOR IN AISI 316L STAINLESS STEEL



External dimensions WxDxH	900x800x1900 mm
Internal working dimensions WxDxH	680x670x890 mm

Large capacity glassware washers for petrochemical sector

Designed with the demanding needs of the petrochemical industry at its core, the premium accessory range for **Smeg Instruments large-capacity glassware washers** delivers exceptional performance, durability, and adaptability for medium and large laboratories.

A comprehensive portfolio of highly configurable solutions - including specialized petrochemical washing programs - allows each washer to be tailored to the exact requirements of petrochemical laboratories. Whether handling high load volumes or complex glassware geometries, the system ensures consistent, high-throughput efficiency.



GW6290DSP



GW6010MLXP

Enhanced Performance & Reliability

Most importantly, even the toughest residues typical of petrochemical applications - such as bitumen, heavy hydrocarbons, and persistent oils - are removed effectively through targeted high-performance cycles combined with professional-grade detergents. The result is uncompromising cleaning quality, optimized workflow continuity, and maximum process reliability in one of the industry's most challenging environments.

- Stronger, more durable door gasket for improved sealing and long-lasting performance.
- Integrated 3rd dosing pump for caustic soda as standard, ensuring precise and efficient chemical dosing.
- Integrated 4th dosing pump for antifoam as standard, delivering smoother operation and optimal process control.



Accessories for large capacity glassware washers

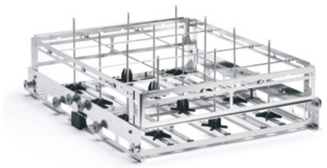
The accessory range for Smeg Instruments large-capacity glassware washers is designed to maximize versatility and performance in medium and large laboratories. A wide variety of **dedicated racks, inserts, and configurable solutions** allows each washer to be precisely tailored to different types of glassware, load volumes, and application requirements, ensuring optimal efficiency and process reliability.



CLB310UNIV
Universal trolley designed to accommodate various inserts, intended for flexible loading configurations.



INSPLAV10
Base insert provided with integrated sprayer arm for wide-neck glassware positioning intended to enhance spraying washing performance.



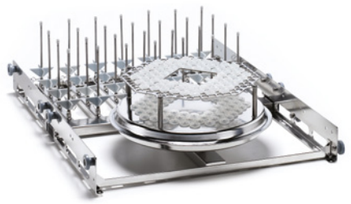
INS12U4180DV
Insert with 12 injection positions for medium-sized flasks or bottles, intended for internal washing of narrow-neck glassware.



INS42BX
Insert with 42 positions for custom nozzle configuration, designed for vials and small bottles.



INS2LP
Insert provided with 2 collectors dedicated to injection washing of up to 208 laboratory pipettes, intended for high-capacity processing of standard pipettes.



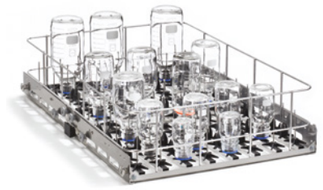
INSLP28U4140
Insert provided with a collector dedicated to injection washing of up to 70 laboratory pipettes, intended for mixed laboratory loads requiring simultaneous cleaning of pipettes and small-to-medium items.



CLB315UNIV
Universal trolley for larger-capacity washers, designed for flexible insert combinations in high-throughput laboratory applications.



INSPLAV15
Base insert provided with 2 integrated sprayer arms for wide-neck glassware positioning intended to enhance spraying washing performance.



INS1596U390
Insert with 96 injection positions for small glassware (e.g., small flasks, test tubes or vials), intended for high-density washing applications.



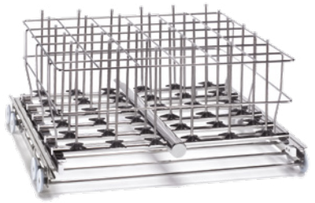
LCB7015
Base loading rack designed to accomodate up to 2 collectors for large glassware.



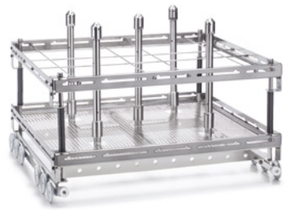
L685
Rack designed for multi-purpose washing intended for small-medium dimension items such as bottles and flasks.



L685CIL
Rack specifically designed for graduated cylinders, intended for secure and effective washing of volumetric cylinders.



C636-S
Rack with 36 positions for small-medium sized glassware, intended for 250-1000 ml capacity bottles or flasks.



LM6-5
Rack designed for washing up to 6 large items, intended for bulky laboratory glassware requiring big support structure.

Loading and unloading solutions

The loading and unloading trolleys, designed to serve **double sliding door glassware washers**, optimise the management of the washing and disinfection process, ensuring a clear and controlled separation between different environments:

- improved process efficiency
- reduced operator effort
- increased daily productivity



Technical data

Version	GWF06	GWF16	GWF26	GWF29	GWF46	GWF49
External dimensions WxDxH (mm)	600x605x850	600x605x850	600x605x850	900x605x850	600x605x850	900x605x850
Internal dimensions WxDxH (mm)	525x520x555	525x520x555	525x520x555	525x520x555	525x520x555	525x520x555
Capacity	152 l	152 l	152 l	152 l	152 l	152 l
Display	LCD	LCD	LCD	LCD	Touch Screen 7”	Touch Screen 7”
Max temperature	85°C	95°C	95°C	95°C	95°C	95°C
Chamber material	AISI 304	AISI 316	AISI 316	AISI 316	AISI 316	AISI 316
Programs	8	20 + 20	20 + 20	20 + 20	20 + 20	20 + 20
Drying system	-	-	▪	▪	▪	▪
Peristaltic pumps	Up to 2	Up to 3	Up to 3	Up to 4	Up to 4	Up to 5
Glass door available	-	-	▪	▪	▪	▪
Detergent cabinet	-	-	-	▪	-	▪
Dual control board	-	-	-	-	▪	▪

Version	GW6010	GW7010	GW7015	GW6290
External dimensions WxDxH (mm)	650 x720x1950	650x720x1950	900x1000x1942	900x800x1900
Internal dimensions WxDxH (mm)	550x620x685	550x620x685	626x826x685	680x670x890
Capacity	234 l	234 l	354 l	405 l
Display	TFT 4.3”	TFT 4.3”	TFT 4.3”	TFT 4.3”
Door	Single or double, drop-down	Single or double, sliding	Single or double, sliding	Single, drop-down
Rails in washing chamber	In specific ”-ML” versions	-	-	▪
Glass door available	▪	▪	▪	-
Fast cycle	▫	▫	▫	▪

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

Detergents

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.



ACIDGLASS P2



ACIDGLASS C2



ANTI-FOAM



DETERGLASS 3



DETERLIQUID I2



DETERLIQUID C2



DETERLIQUID SP2

ACID

ph 0,5

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.

ph 0,8

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

ANTI-FOAM

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

ph 12

ALKALINE DETERGENTS

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.

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14

ph 14

ph 14

ph 14

BASIC

ALKALINE DETERGENTS

DETERLIQUID C2

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

ALKALINE DETERGENTS

DETERLIQUID SP2

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

Founded in 1948, SMEG, whose name stands for ‘Smalterie Metallurgiche Emiliane Guastalla’, is a proudly Italian company renowned for the responsible production of creations that combine Made in Italy technology and design. Having consolidated its position in the household appliances sector, Smeg has expanded its business with 2 professional divisions.

The Instruments division, dedicated to professionals in the medical, pharmaceutical, laboratory and care sectors, offers technologically advanced solutions for refrigeration, washing and disinfection.

The Professional division, dedicated to professionals in the Ho.Re.Ca. sector, offers a wide range of high performance washing, cooking and refrigeration solutions.

The SMEG S.p.A. Group is today recognized internationally as a point of excellence of Made in Italy.

smeg
INSTRUMENTS

Smeg S.p.A.

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March 2026