



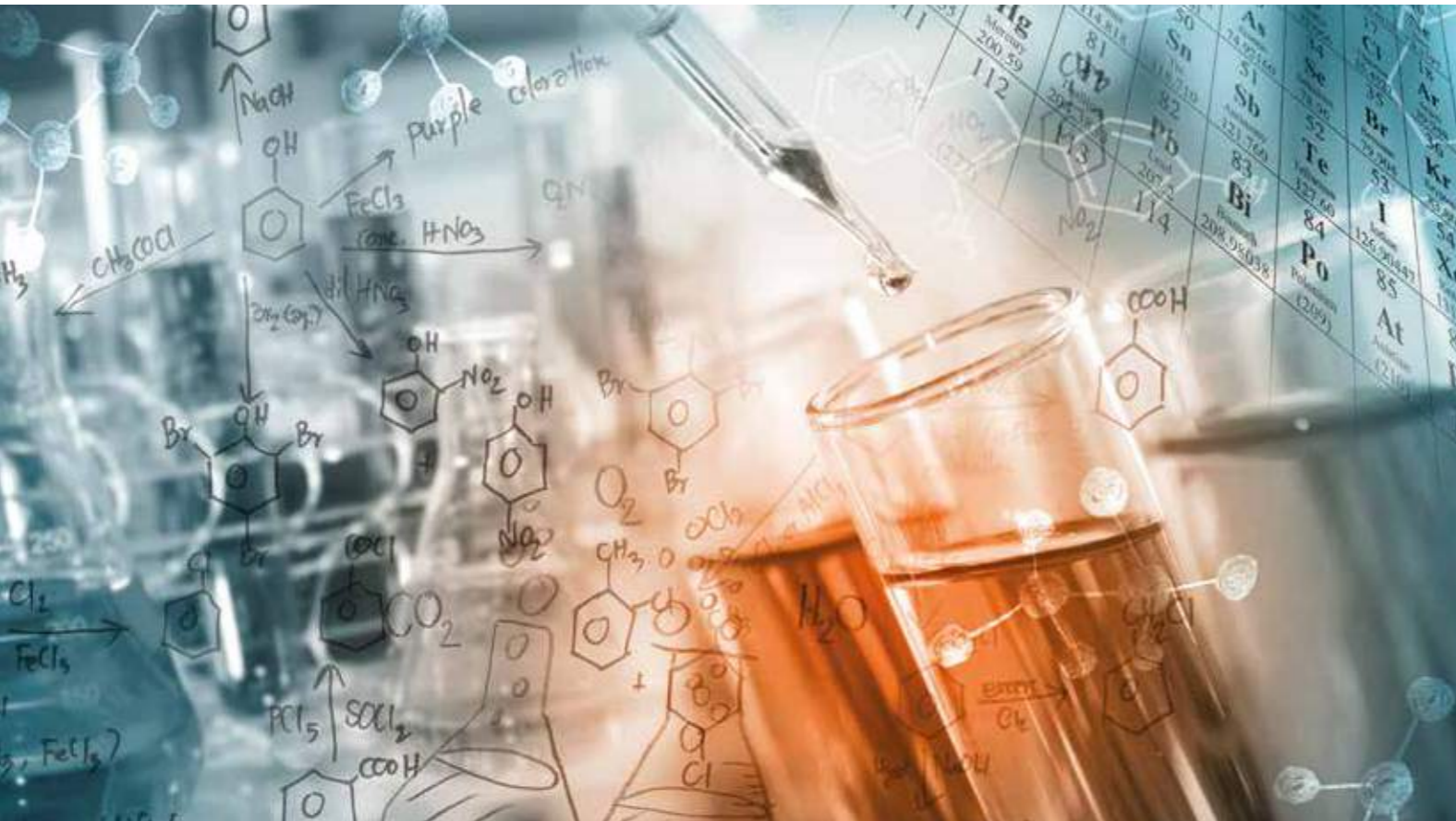
## **WASHING AND DISINFECTION**

Laboratory sector

# MADE IN ITALY EXCELLENCE

Smeg Instruments offers the laboratory, pharmaceutical, chemical and industrial world **technologically advanced products, fully customisable solutions, flexible and efficient services and safe and certifiable results.**

Smeg Instruments achieves these results thanks to its in-house research and department working in synergy with its customers to meet market requirements and to grasp and anticipate the challenges of a product that is always at the cutting edge.



## SECURITY OF RESULTS

### 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.

## ENVIRONMENTAL SUSTAINABILITY



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.



## GLASSWARE WASHERS CONCEPT LINE

Smeg Instruments presents its new range of undercounter glassware washers featuring fully upgraded technology and control electronics.

These high-performance machines satisfy user requirements by enabling wash programme customisation to suit the various procedures encountered in the laboratory on a daily basis.

Innovative and flexible, they adapt readily to different uses and detergent types.



A new glass front panel houses the large LCD touch screen affording simple programme setting and rapid display of wash cycle information.

Vast range of default and custom programmes.

Enhanced automatic opening system for faster and easier drying.

USB port and wireless connection option for quick and easy wash data downloads.

Can be switched from three-phase to three-phase without neutral or single-phase, to suit all types of electrical system present in the laboratory.

## ACCESSORIES



**LB32DS**  
Bottle washing and drying carrier



**LM40DS**  
Universal narrow-necked 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

The professional range of free-standing glassware washers stands out for its completeness in terms of both loading capacity and operational flexibility.

Provided with a full selection of inserts, trolleys and other accessories, it adapts to the various types of use required in the laboratory and scientific research worlds with constant attention to water and energy consumption.



Large touch screen for simple programme setting and rapid display of wash cycle information.

Vast range of default and custom programmes.

The versatility afforded by the various opening modes, the number of doors and the door material satisfies a diverse range of laboratory requirements.

USB port and wireless connection option for quick and easy wash data downloads.

### ACCESSORIES FOR MOD. GW6010-7015



#### CLB315UNIV

Universal trolley for loading various modular washing inserts. Flexibility in loading and unloading. Up to 3 levels of inserts can be loaded on 5 level available with 9 possible combinations for washing multiple glassware.



#### 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.



#### L690

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

### ACCESSORIES FOR MOD. GW6290DS

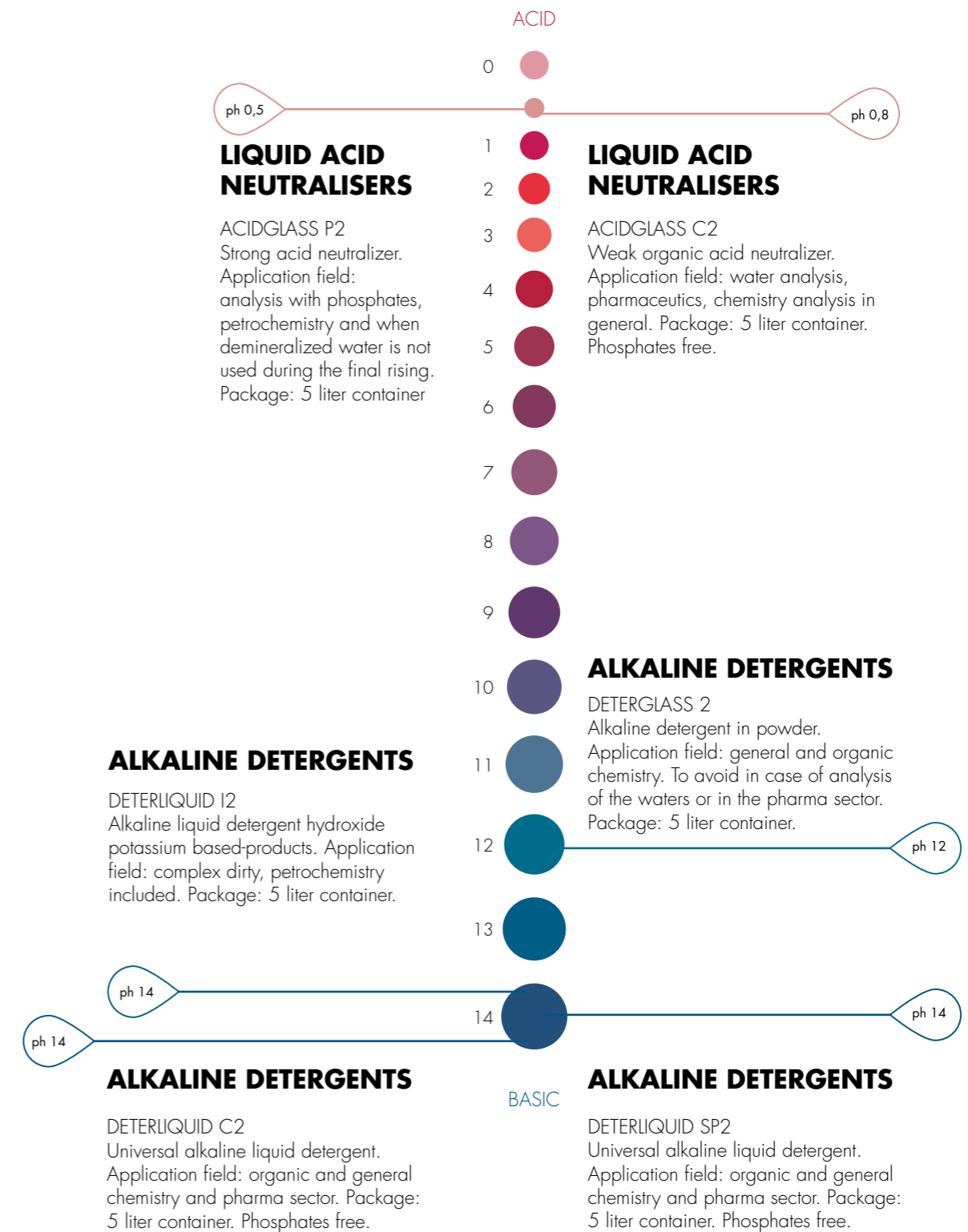
## GLASSWARE WASHERS GW7015

GW7015 is a glassware washer designed to work from one to various levels for washing glassware of high dimensions. The washing chamber measures 626x812x820mm (417 l gross). Integrated compartment for the detergents. Possibility for washing, thermic and chemical disinfection (up to 95°C) and forced-air drying system with filter



## 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.



## TECHNICAL DATA CONCEPT LINE

GW TECHNICAL FEATURES	GW1260	GW4260	GW4290
Externl dimensions (LXDXH mm)	600 x 600 x 850	600 x 600 x 850	900 x 600 x 850
Internal dimensions (LXDXH mm)	525 x 490 x 570	525 x 490 x 570	525 x 490 x 570
Display/Control panel	•	•	•
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	•	•	•

## TECHNICAL DATA PROFESSIONAL LINE

GW TECHNICAL FEATURES	GW6010ML	GW7010	GW7015	GW6290DS
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	•	•	•	•
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	•	•	•	•



**For over 30 years, Smeg Instruments has represented excellence in the medical and laboratory equipment sector. Smeg Instruments offers flexible services and customized solutions.**



### LABORATORY

Glassware washers for laboratories with a large choice in accessories to meet all washing requirements.



### MEDICAL

Washer Disinfectors and accessories for the medical field.



### DENTAL

Comprehensive range of machines designed for the automated cleaning in dental practices.

- PRESENT feature
- NOT PRESENT feature



Smeg S.p.A.  
via Leonardo da Vinci, 4 - 42016 Guastalla (RE) - Italy  
E-mail: [instruments@smeg.it](mailto:instruments@smeg.it) - [www.smeg-instruments.com](http://www.smeg-instruments.com)