

# FGW – Lab glassware washer

## Applications:

Bio-pharmaceutical

Cosmetics

Food

Microbiology

## Loads:



## Processes:

Washing



Fedegari Lab Division latest innovation is a Lab Glassware Washer that capitalizes the experience done with FOWS-series of washers in the pharmaceutical industry.

## The power of steam: a cost-effective cleaning

The new FGW Lab Glassware Washer uses a steam generator to improve washing performances: steam has an optimized emollient effect on greasy and sticky dirt.

Moreover the use of steam can significantly reduce operating costs: this true eco-friendly solution allows to minimize the need of detergents as well as water consumption, lowering the running costs per cycle. In addition, steam is able to access hard-to-reach areas and therefore clean thoroughly. A conductivity meter placed on the FGW drain is capable to detect the water purity, helping to terminate the process as soon as the desired set-point is reached thus further reducing water and other utilities consumption of the washer.

The cleaning process is constantly supervised:

- Dedicated probes monitoring the temperature of the air/water and of the steam in chamber
- A dedicated transducer controls the pressure of the circulating water.

Fedegari Glassware Washer has an internal LED lamp that remains operative during the whole cycle: in case of alarm evident signals are displayed by color change.



Powered by  
**Thema4Lab**

## Key benefits

Steam improves washing performances

Steam as Eco-friendly solution

Energy saving function

High level of programming

Customizable internal rack

Trolleys and trays fully compatible with FOB5 series

Thema4lab process controller

Sanitary components and CIP to ensure a perfect washing

## Contact

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## Design and technical features

The piping, as any other equipment manufactured by Fedegari, has a rigorous sanitary finishing. The machine is loaded by a modular rack which could be standard or customized for adapting to all loads configurations and is directly connected to the piping. As all Fedegari laboratory process equipment, the FGW is easy to use specially thanks to ergonomic loading height, a friendly process controller and the interchangeable external trolleys compatible with Fedegari FOB5 lab sterilizers.

As all Fedegari lab equipment, the FGW series is compliant with cGMP standards.

The FGW series is equipped with Thema4lab process controller, engineered and pre-validated by Fedegari according to GAMP5. Thema4lab is the most advanced process controller for lab applications, based on a wide library of phase groups, developed by Fedegari thanks to its experience with the highest standards in the pharmaceutical industry.



Thanks to the Thema4lab process controller you can manage both FGW and FOB5, creating a true Fedegari environment in your lab.

