

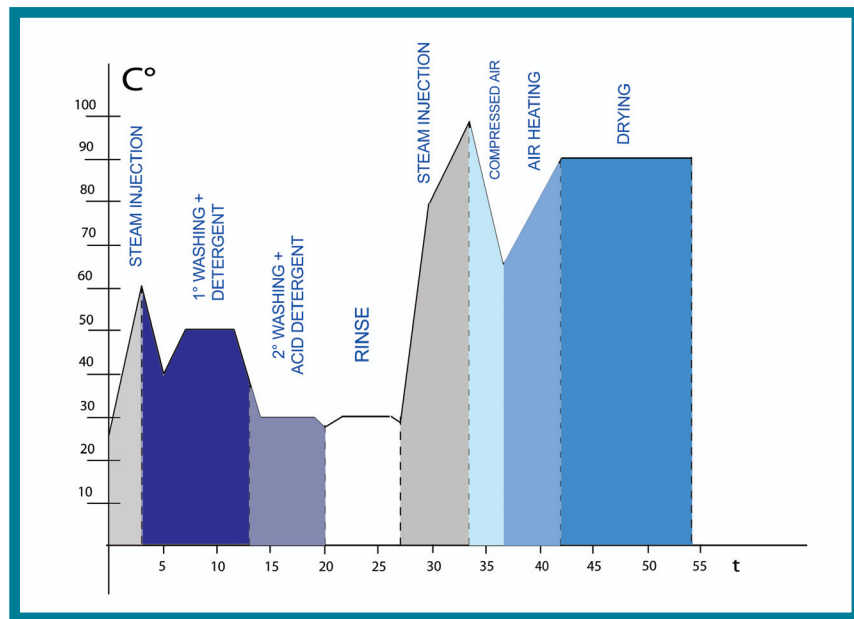
FLW: Lab Glassware Washing Unit



FEDEGARI
GROUP

EN.1.2.3

Standard cycle for non heat-sensitive loads



- **STEAM INJECTION IN THE CHAMBER:**
direct injection of steam in the chamber (no detergents) → emollient action.
Washing duration ~ 3' ÷ 7' depending on the soil.
- **FIRST WASHING(*) + DETERGENT:**
Temperature ~ 40 °C ÷ 65°C.
Washing duration ~ 3' ÷ 5'.
- **SECOND WASHING(*) + ACID DETERGENT:**
Temperature ~ 30 °C ÷ 55°C.
Washing duration ~ 3' ÷ 5'.
- **RINSES(*):** rinse of possible chemical residuals.
The number of rinses depends on the water conductivity value measured in the drain.
Temperature ~ 35 °C.
Washing duration ~ 1'.
- **STEAM INJECTION IN THE CHAMBER:** chamber preparation to the drying phase.
- **COMPRESSED AIR INJECTION IN THE CHAMBER:**
mechanical action applied in order to reduce the excess of water on the load.
- **DRYING PHASE THROUGH HOT AIR INJECTION IN THE CHAMBER:**
air heating is performed through steam. No heating elements needed in the chamber.

(*) Washing and rinsing phases can be performed with cold water, hot water and deionized water.

PROCESSES

Sterilization
Washing

Chemical
bio-decontamination
Contamination control
Dense-phase fluids plants

SPECIAL APPLICATIONS

Rotating sterilizers
Pharmaceutical closures
processing

COMPONENTS

Pressure vessels
Doors
Piping
Process controller
Wireless Sensors

ACCESSORIES

Un/loading conveyors
Customized racks

FLW: Lab Glassware Washing Unit

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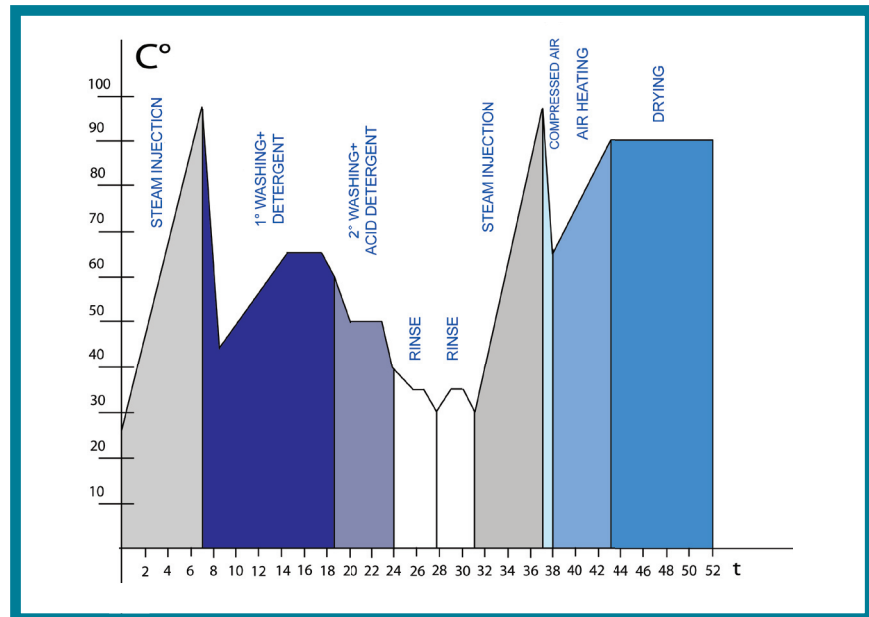
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Standard cycle for non heat-sensitive loads contaminated with agar



- **STEAM INJECTION IN THE CHAMBER:**
direct injection of steam in the chamber (no detergents) → emollient action.
Washing duration ~ 7'.
- **FIRST WASHING(*) + DETERGENT:**
Temperature ~ 65°C.
Washing duration ~ 3'.
- **SECOND WASHING(*) + ACID DETERGENT:**
Temperature ~ 50°C.
Washing duration ~ 3'.
- **RINSES(*):** rinse of possible chemical residuals.
Temperature ~ 30°C.
Washing duration ~ 1'.
- **STEAM INJECTION IN THE CHAMBER:** chamber preparation to the drying phase.
- **COMPRESSED AIR INJECTION IN THE CHAMBER:**
mechanical action applied in order to reduce the excess of water on the load.
- **DRYING PHASE THROUGH HOT AIR INJECTION IN THE CHAMBER:**
air heating is performed through steam. No heating elements needed in the chamber.

(*) Washing and rinsing phases can be performed with cold water, hot water and deionized water.

The company reserves the right to update technical data without prior notice.