



GW24 – BATCH STYLE VIAL AND AMPULE WASHER

The GW24 Batch Washer is a reliable, high production vial and ampule cleaning machine, designed for years of reliable operation with an output of up to 23,000/hour. Using a PLC to control the wash cycle, the wash parameters can be programmed into the machine for individual wash cycles. Up to 19 different wash recipes of 99 steps each provide for individualized customer requirements.



FEATURES

- 316L Stainless Steel Needle Plate
- 3 Diaphragm Valves with Teflon Seals
- Hood Lock
- Allen Bradley PLC with Panelview Display
- Swing Arm Control Panel for Easy Access and Calibration
- 115v, 60Hz, 1Ph – NEMA 4x Utilities
- Top Cover Safety Switch
- Process media lines (air, liquid, steam) are fitted with sanitary
- valves and piping, eliminating threaded connections.

OPTIONS

- (2) 1" Valve for Additional Wash Media
- Incoming WFI Manifold
- Inspection Shield Assembly
- Recirculation Unit
- Low Incoming Pressure Safety Switch
- Cycle Completion Annunciator
- Remote Access Programming & Monitoring
- Alternate Electrical Configurations
- Spare Parts Kit

PROTOCOLS

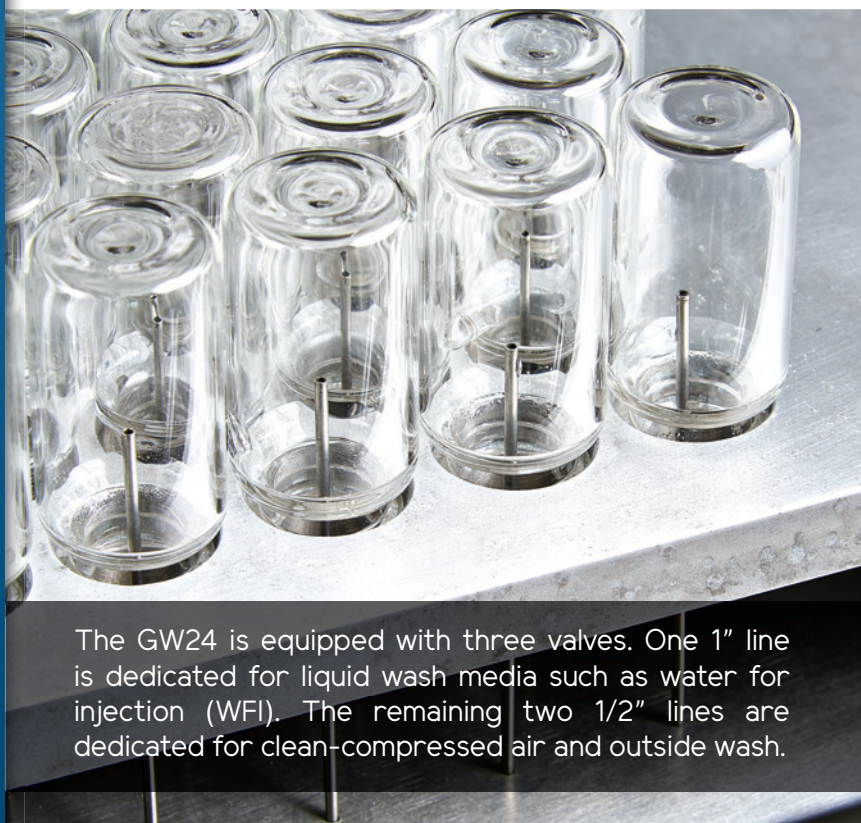
- IQ/OQ Validation Protocol – Written
- Factory Acceptance Test Protocol - Written
- PQ/Performance Qualification Protocol – Written
- IQ/OQ Validation Protocol – Execution
- Factory Acceptance Test Protocol – Execution

OPERATING PRINCIPLE

Vials or ampules are loaded onto the loading plate, Which are then placed into the washer. As the washer cover is closed, the glassware descends over the 316L stainless steel washing needles. The needles are centered and do not touch the inside of the glassware.

LOADING

To load the vials in batch, they must be received from the manufacturer in a consistent, shrink-wrapped pattern that Cozzoli engineers will use to design the needle plate pattern. For maximum production, each vial size/pattern should have its own dedicated change parts.



The GW24 is equipped with three valves. One 1" line is dedicated for liquid wash media such as water for injection (WFI). The remaining two 1/2" lines are dedicated for clean-compressed air and outside wash.