

RW-250

ROTARY INTERMITTENT WASHING MACHINE FOR STAND-ALONE APPLICATIONS



PHARMA

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RW-250 is a stand-alone rotary intermittent washing machine necessary to wash the inside and outside of glass containers by means of dedicated washing and air-blowing stations.

RW-250 is suitable for glass containers such as vials, type R or type H, or bottles, ideal for laboratories, R&D or clinical plants (up to 4.200 uph). The machine can be equipped with casters suitable for cleanrooms, to allow easy handling inside the working area.

RW-250 is a combined solution that integrates a rotary transport system, equipped with needle-less nozzles manifolds and containers gripper moved by means of a central turret, to transport the containers through all the washing and blowing stations.

- **Infeed and outfeed collecting trays for containers**
- **Manual infeed pusher to index the containers in the cassettes**
- **Needle-less washing manifold**
- **Media circuits in rigid pipings without flexible hoses**
- **WFI washing stations for the container's inside and outside**
- **Compressed Air-blowing circuit necessary to drain residual water**
- **Outfeed pushing mechanism for containers outfeed in lane**

Additional RW-250 Options

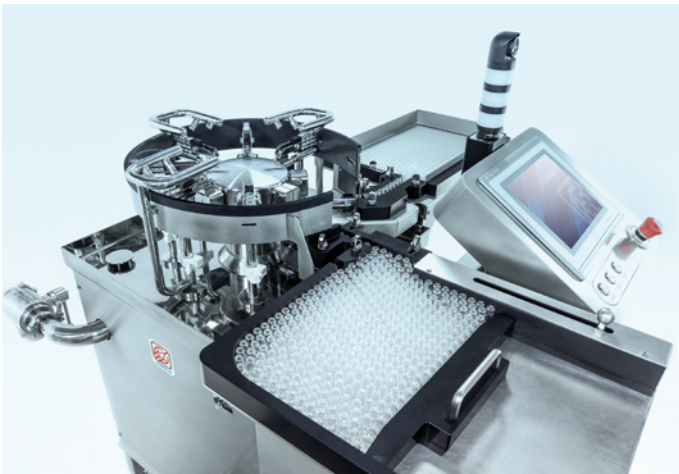
Cleanroom casters
Purified water pre-washing circuit
WFI 50L tank with pump and filter
WFI 80L heating tank with pump and filter
Automatic drain and drying of the circuits
Boroscopic and/or welding piping certification
Drain water temperature control system
Displacement pump for drain water
Additional change parts
Portable cart for change parts
Documentation validation package
21 CFR Part 11

Standard washing circuit

(configurable on request)

- Station.1 Infeed and vials rotation
- Station.2 inside air blowing
- Station.3 inside/outside WFI washing
- Station.4 inside WFI washing
- Station.5 inside/outside WFI washing
- Station.6 inside WFI washing
- Station.7 inside/outside air blowing
- Station.8 Vials rotation and outfeed.





Key features

- Low voltage power supply (ideal for laboratory installation or small areas).
- Needle-less solution to avoid risk of containers breakage
- Low consumption washing circuit
- Hard piping circuit (no flexible hoses)
- Pressure transmitter on all media infeed
- WFI infeed temperature monitoring probe
- Infeed and outfeed integrated trays
- One FAT, SAT, accelerate market entry
- Validation documentation pack
- Available conformity to 21 CFR Part 11



Purified Water circuit

To reduce consumptions and expenses, the washing circuit can be configured with a pre-washing circuit with water different than WFI (e.g. Reverse Osmosis or Purified Water).

Dedicated circuit skids

In certain facilities, the availability of a WFI point of use in a laboratory or testing area could be a challenge. In that case, it is possible to provide a dedicated buffer tank on a wheeled skid equipped with displacement pump. The tank can be filled with WFI coming in commercial bags or from other facility's areas.

Remote drains

Whenever the desired working area is free of drain points close to the washing machine, a displacement pump can be provided.



RW-250



Washer specification and main options:

- Containers Range 2ml – 100ml
- Infeed tray table for loading containers
- Infeed pushing mechanism
- 8 configurable washing stations
- Easy changeover size parts
- Needle-less washing manifolds
- Rigid washing circuit (no flexible hoses)
- WFI final rinsing circuit
- Compress Air-blowing circuit
- Compress Air filter with valves suitable for integrity testing
- Outfeed pushing mechanism
- Outfeed accumulation tray
- Connection for an extraction fan
- Media connection points
- Unique drain point connection
- Exterior Panels AISI-304 stainless steel
- On board Electrical Cabinet IP 54;
- HMI, PanelView 10"
- Main Drive and Critical Movements Servo Motor
- Utility Requirement (other options available) 230V (Ph+N+PE) 50/60Hz
- Regulations CE Mark, GMP, Annex 11/ 21CFR part 11, UL 508A.

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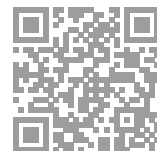
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