

## *Washing & Air Jet Cleaning Machines VIALWASH-120R*



The Automatic Rotary Vial Washing Machine Model VIALWASH-120R is specially designed to wash Vial with minimum contact of machine parts with Vials. Machine with specially designed Gripper system holds the vial from Neck and invert the vials till the washing operation completed and again after washing release the vial on out-feed Starwheel system in vertical position ensures positive wash of vials. Machine is suitable for 2ml to 50ml Vials with the help of change parts, In special design it can be used for 100ml Vial Size also. Vial feeds through Turn Table to In-feed Star Wheel and specially designed Gripper hold the Vial from neck and invert the vial and move it further on rotary moving system for Washing process. Machine suitable for application in Pharmaceutical Industries, The Vials traveling in neck down position above Washing Needles and moves along with the Needle bar ensures maximum time for washing once the needle enters in the vial neck. Machine with Standard Six Different Washing Stations each of 3 Needles for optimum Washing and the sequence can be change as per customers requirement. Machine also having external wash for optimum washing of Vials.

### **Features:**

- 18 Jets for 6 Internal washing zones
- 4 External Washing Station
- All contact parts made of SS 316 material
- Machine construction in SS 304 Material
- 10 Cassette of Grippers each having 3 Grippers
- Suitable for 2ml to 50ml and in special design upto 100ml size
- Washing sequence can be made as per customers requirements.
- Optionally available 2 Pumps and 2 Tanks
- Each washing zone with independent circuit to avoid contamination
- Automatic In-feed and Exit of Vials

**Technical Specifications:**

|                                                              |                                                                            |
|--------------------------------------------------------------|----------------------------------------------------------------------------|
| Suitable for                                                 | 30ml to 200ml Bottles                                                      |
| Bottle Size                                                  | 32mm to 60mm Diameter and 38mm to 180mm Height*                            |
| Washing type                                                 | Linear Continues Motion with Stationery Drive                              |
| Air Consumption                                              | 12 to 15 CFM                                                               |
| Water Consumption                                            | 450 to 600 Litre per hour for each washing zone (depending on bottle size) |
| Washing Zone                                                 | Five zone can be set as per required sequence                              |
| Pumps and Water Tank                                         | 2nos. Each 6000 Ltr. Per hour capacity Centrifugal Pump and 50 Ltrs. Tank  |
| Speed                                                        | Max. 120 Bottles per minute depending on Bottle Size                       |
| Conveyor Height                                              | 815-940 mm                                                                 |
| Overall Dimensions                                           | 2700 mm (L) x 1400 mm (W) x 1550mm (H)                                     |
| * Specification can be changed as per customers requirements |                                                                            |