



Automatic High-Speed Rotary Vial Washing Machine



The Automatic Linear Vial Washing Machine consists of the main structure, covered with SS cabinet safety acrylic doors (OPTIONAL), in-feed turntable, washing nozzles, out-feed conveyor, pumps with the tank, filter housing & cartridge, pneumatic components, motors & gearbox, and electrical panel, AC Drive, PLC & HMI (OPTIONAL).

Linear Vial Washing System wash 2 ml to 30 ml round glass vials with up to 200 vials per minute output speed. HMPL Sterile's Automatic Linear Vial Washing Equipment meets demanding production requirements. Its user-friendly interface allows for easy operation and monitoring, enhancing overall productivity. The advanced technology incorporated into this machine guarantees thorough cleaning of each vial, ensuring compliance with stringent quality standards. Its linear design optimizes space utilization while maintaining a consistent washing performance. HMPL Sterile offers a cutting-edge solution for vial washing needs, combining speed, accuracy, and reliability to streamline production processes effectively.

Features

- The Linear Vial Washing Machine is made compact & versatile as per GMP norms.
- The structure is made of MS and clad with SS304.
- The machine's contact parts consist of Stainless Steel 316 L.
- The construction is rigid and vibration-free, ensuring trouble-free performance.
- An acrylic cabinet covers the washing section, providing ease of cleaning.
- Operating the machine is simple.
- The machine utilizes SS 304, hard chrome plating, or brass for all exposed parts, ensuring a corrosion-free long life.
- During the washing operation, the six nozzles enter the vial mouth, ensuring thorough penetration of washing media to achieve a perfect washing principle.

- Fixed top nozzles in each washing station ensure external washing of vials at the same time as internal washing.
- During the chained indexing, the flow of washing media stops, resulting in a straight 25% saving on utilities.
- We have designed a system of solenoid valves and optional tanks, pumps, and filters for long, trouble-free life and foolproof operation.
- Four inner washes (Including one air wash, two inner wash with recycled tray) & one outer wash.

Technical Data

Vial Size	2 ml to 30 ml Round Glass Vials
Output Speed	60 to 200 Vials/Minute (Speed depends on product size)
Working Height	875 ± 50MM Adjustable
Power Consumption	1.5HP Main Machine/ 2.25HP Pumping Station/ 0.25HP Loading Platform)
Power Supply	3 Phase + Neutral + Earthing / 415 V AC / 50Hz
Air Consumption	5 CFM
Air Supply	4 to 6 Kg/Cm2
Net Weight	600 Kg Approx.