

Automatic High Speed Injectable Powder filling with Vacuum Rubber Stoppering Machine AHPF-150S



Salient Features

- Fully SS 304 pipe frame structure
- High for easy cleaning and maintenance.
- All Contact Parts are SS 316/316L and easily removable for autoclaving
- Fully Automatic Multi Axis Servo Drives
- Pick & Place Rubber Stoppering System.
- All Individual and variable Drive Systems
- PLC & Touch Screen.
- Servo Motor Drives for Powder Wheel, Star wheels and Pick & Place system.
- Variable Speed Powder Hopper Agitator.
- Dia. 30" Variable Speed Infeed and Outfeed Turn Tables.
- Separate Variable Speed Conveyor.
- Pre & Post Gassing System.
- No Rubber Stopper in Chute, Machine Stop System.
- No Vial – No Filling
- No Vial – No Stoppering.
- Low Vacuum – Machine Stop
- Low Air – Machine Stop
- Powder Level Sensors

- Powder Loader of Butterfly valve with SS316 canister
- Vial Sampling facility
- No Rubber Stopper – Vial Rejection
- Multiple Dosing System through PLC without any change parts.
- New Design Powder Hopper with Adjustable Doctor blades from Outside without remove of hopper.
- Sleeping vial rejection at Infeed.
- Air and Vacuum Filters : 0.2, 5" ss filter for Air / 10,10" pc filter for Vacuum.
- Media Filling System with Peristaltic Pump.
- Toughened Glass Cabinet with Aluminum Profile Cabinet.
- Vacuum Pump
- Minimum and Maximum Accumulation at infeed and outfeed with auto restart.
- Temperature and Humidity Indicator (Digital Type)

Optional Accessories

- Pure Air Filter
- Vacuum Pump
- Oil Free Air Compressor
- Online Pre – Media filling Arrangement with Peristaltic Pumps
- Polycarbonate Cabinet covering full machine with S.S. structure

Technical Specifications

- Production Rate: 150 fills/ min. for Single Dose, 75 fills/ min. for Double Dose, 50 fills/ min. for Triple Dose, 37 fills/ min. for Four Dose
- Power Specifications: 3 H.P, 440 Volts, 3 Phase, 4 Wire System, 50 Hz.
- Fill Capacity: 50 mg. to 1.5 gm. in Single Dose with the help of extra Change Parts.
- Accuracy: $\pm 1\%$ depending upon consistency and uniformity of bulk density of Injectable Powder under controlled level of humidity
- Net Weight: 655 kg
- Gross Weight: 1010 kg

Input Specification:

- Container Dia.: 25 mm to 38 mm
- Container Height: 36 mm to 75 mm max.
- Rubber Stopper: 20 mm Butyl

Utility:

- Compressed Air: 25 mm to 38 mm
- Vacuum: 25" Hg. @ 300 LPM displacement
- Relational Humidity: Below 28%