

Automatic High Speed Injectable Powder filling with Vacuum Rubber Stoppering Machine AHPF -300S



Salient Features

- New Walk – in Beam Vial Transport system.
- Fully automatic multi axis servo driven.
- “Pick & Place Rubber Stoppering” system
- All individual drive systems.
- PLC & Colour Touch Screen.
- Servo Motor drives for Powder Wheel, Vial Conveyor Belt and Rubber Stopper system.
- Variable speed Powder Hopper Agitator.
- Variable speed Infeed Turn Table.
- Separate variable speed conveyor (for vial exit end).
- Pre & Post Gassing system.
- No Rubber Stopper in Chute, Machine Stop system.
- Powder Level Sensor in Hopper.
- Multiple Dosing system through PLC without any Change Parts.
- No Rubber Stopper on vial after Filling, Machine Stop system.
- Temperature & humidity sensor for Filling Station to monitor the temperature & humidity (optional).

Optional Accessories

- Pure Air Filter
- Vacuum Pump
- Oil Free Air Compressor
- Media Filling system with Peristaltic Pumps
- Machine safety cabinet of Stainless Steel structure

Technical Specifications

- Production Rate: 240 vials/ min on Single Dose, 120 vials/ min on Double Dose, 60 vials/ min on Triple Dose, 30 vials/ min on Four Dose
- Power Specifications: 5KW (7HP Total), 440 VAC, 3 Phase, 50 Hz
- Fill Capacity: 50 mg. to 1500 mg. in Single Dose with the help of Change Parts.
- Overall Dimensions: 3480 mm (L) X 1400 mm (W) X 1700 mm (H)

Input Specification:

- Container Dia.: 25 mm to 38 mm
- Container Height: 36 mm to 75 mm max.

Utility:

- Air: 3 BAR, Oil free, Sterile Air
- Vacuum: 25" Hg. @ 300 LPM X 2
- Relational Humidity: Below 28%