

## ***Automatic Super High Speed Injectable Powder Filling with Rubber Stoppering Machine AHPF-400***



### **Salient Features**

- Suitable for filling two different powders in one vial as machine has Double Wheels & Hoppers for filling operation.
- “No Vial – No Filling” system eliminates wastage of costly powder.
- Fill different type of powder in one container.
- No need to blend different powders hence eliminates wastage of costly powder and time of blending.
- Multiple Dosing System.
- High production capacity in multi-dose.
- High Volumetric Filling Accuracy of  $\pm 1\%$  of uniform density Injectable Powder can be ensured by setting the depth of piston in the Port of the Powder Wheel.
- Built-In Rubber Stoppering Unit saves lot of space in the sterile area & reduces the length of the Laminar Flow.
- Individual drives for Scrambler & Un-scrambler to match the speed of filling and sealing.
- All Motors are provided with appropriate Contactors and Relays for the protection against any overload or jamming.

### **Optional Accessories**

- Pure Air Filter
- Vacuum Pump
- Oil Free Air Compressor
- Online Pre-Media Filling Arrangement
- Pre & Post Gassing Arrangement
- Aluminium Profile with Polycarbonate Cabinet covering full machine

## Technical Specifications

- Production Rate: 240 fills/ min. for Single Dose by using Single Powder Wheel. 240 fills/ min. for Double Dose by using 1st & 2nd wheels, 1 dose each. 120 fills/ min. for Four Dose by using 1st & 2nd wheels, 2 dose each.
- 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(below 25% Rh)
- Overall Dimensions: 3494 mm (L) X 960 mm (W) X 1840 mm (H)
- Net Weight: 1450 kg
- Gross Weight: 1850 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: Max. 2 Kg /Cm<sup>2</sup> oil free
- Vacuum: 20" Hg. @ 500 LPM displacement
- Relational Humidity: Below 25%