

Dry Syrup Powder Filling Machine DRYFILL-120i



The Automatic Injectable Powder Filling with Rubber Stoppering Machine Model DRYFILL-120i, is suitable for Round Vials with maximum speed of 120 Vials per minute. Specially Machine construction in fully Stainless Steel finish including machine frame structure. Machine with built-in Turn Tables at In-feed and Out-feed with individual drives to match the speed of incoming and outgoing vials for smoother operation. All parts coming in contact with Powders are made from S.S.316 Materials.

The Machine is equipped with Single Head - Single Track Eight Port Powder wheel system, which works on Vacuum and Air Systems to Fill powder in Vials, with online Vibrator type Rubber Stoppering system, The stopper inserting system operates in a continues mode with synchronized speed of machine. Machines with Single Track Vial Moving system having Single Track Single Head Powder Wheel System, helps to achieve speed of 120 vials per minute.

Features

- No Vial - No Fill System
- All contact parts made of SS316 material with easy removal system for Autoclaving / Sterilization
- Machine construction in SS304 material
- Hopper can be completely dismantle for easy cleaning
- Minimum residue of Powder in Hopper at the end of batch resulting in less wastage of powder
- Filling Accuracy of +/- 1% depending on powder at controlled humidity below 28% Rh
- Built in Rubber Stoppering System
- Multiple dosing system with the help of change parts
- Built in Turn Tables with Separate Drive for speed control of in-feed and out-feed of vials
- Various safety features including Clutch system for Vial Breakage
- Machine Bottom with all over minimum clearance of 6" Height

- Moving conveyor above the top plate maintaining proper gap for meeting current application needs.
- Automatic In-feed and Exit of Vials
- Powder Hopper for charging with better position and design without crossing the line.
- No Stopper - Machine Stop System
- Low Air - Machine Stop System
- Low Vacuum - Machine Stop System
- Heavy Duty Mounting system for Powder Wheel for Trouble Free long term operation

Technical Specifications

Vial Diameter	25mm to 38mm
Vial Height	75mm Maximum
Rubber Stopper Diameter	20mm
Fill Range	50mg. To 1.5 gms. In Single Dose, 1.5 gms. To 6 gms. In Double, Triple and Four Dose system with help of required change Parts
Powder Wheel Range	Two Different Powder Wheel Range having 6.35mm Port suitable to Fill 50mg to 450mg and 9.5mm Port suitable for 250mg to 1500mg in Single Dose System
Accuracy	+/- 1% Depending upon the Powder, under the controlled level of Humidity
Overall Dimensions	2600 mm (L) x 1000 mm (W) x 1800 mm
Conveyor Height	815-940 mm
Speed	Max. 120 in Single Dose, Max. 60 Vials per minute in Double Dose, Max. 40 Vials per minute in Triple Dose and Max. 30 Vials per minute in Four Dose system
* Specification can be changed as per customers requirements	