



BROTHERS
PHARMAMACH (INDIA) PVT. LTD.

DRYFILL 120i

Injectable Powder Filling with Rubber Stopping Machine



The Automatic Injectable Powder Filling with Rubber Stopping 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 Material.

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 on-line Vibrator type Rubber Stopping system. The stopper inserting system operates in a continuous 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.



OPTIONAL 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 Stopping 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

Other Available Model

DRYFILL-250i.Twin

TECHNICAL SPECIFICATIONS (120i.Twin)

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

UTILITY REQUIRED :

Power : 4.0 Hp
 Electrical : 415VAC 3Phase and 220 VAC Single Phase Power Supply (50 Hz) with A.C. Drive
 Humidity : Below 28% Rh
 Compressed Air : Filtered, Oil Free, 4 to 5 Bar to be provided by customer only.
 Vacuum : 25" Hg. @ 500 LPM or available as optional / extra items.

* Specification can be changed as per customers requirements

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