

## ***Injectable Powder Filling Machine with Rubber Stoppering PIPF-120***



The Automatic Injectable Powder Filling Machine with Rubber Stoppering Model PIPF-120, 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. Injectable Powder Filling 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 Ss316 Materials. The Injectable Powder Filling Machine is equipped with Single Head Single Track Eight Port Powder wheel, which works on Vacuum and Air Systems to Fill powder in Vials, with on-line Vibrator type Rubber Stoppering system, The stopper inserting system operates in a continuous mode with synchronized speed of machine. Machines also come in various options like Single Track Double Powder Wheel, Double Track Double Powder Wheel, Single Track Single Powder Wheel and Double Track Single Powder Wheel System to match the customers' requirements. The injectable powder filling stoppering machine is available in different variants having varying output rates from 30 fills/min to 120 fills/min. The machine performs the operation by maintaining an accuracy of +/-1% and it depends on the consistency and uniformity of bulk density of the injectable powder. With no vial-no fill system incorporated in the injectable powder filling stoppering machine, there is a less amount of wastage of the powders.

The powder hopper of the powder filling line is specially designed in order to ensure no crossover contamination during charging of powder. The hopper can be easily dismantled in order to provide ease of cleaning. All the contact parts of powder filling line are made of SS316 and are provided with easy removal system for autoclaving/sterilization. There is automatic infeed and exit of vials. For a smooth operation, injectable powder filling machine requires an electric supply of 3 phase. It requires a load of 5 HP and a minimum air pressure of 2/3 bar. The tool less adjustment of doctor blade and wiper blade in injectable powder filling machine saves some valuable time.

## Technical Specification:

Model		PIPF-120
Output/Hour*		Up to 120 Fills / Min for Single Dose.
		Upto 60 Fills / Min for Double Dose.
		Upto 40 Fills / Min for Triple Dose.
		Upto 30 Fills / Min for Four Dose.
Fill Size***		50 mg to 1.5 grms. Single Dose ( with Change Parts)
		1.5 grms to 6 grms. Double, Triple and Four Dose.
		Fill range depending upon vial opening and bulk density of powder. Under controlled level of Humidity
		(i.e. 25%)
Accuracy		±1% depending upon consistency and uniformity of bulk density of injectable powder
Electrical Specifications**	Main Machine and Conveyor	1 HP / 415Volts / 50 Hz.
	Scrambler & Unscrambler	0.5 hp x 2 , 415 volts , 50 HZ
	Magnetic coil	300 watt. 2 amp.
	Vacuum Pump	3 HP / 415Volts / 50 Hz.
	Pneumatic Air	Filtered, oil free, sterile low pressure Air at 2 kg/cm2(2/3 bar)
Vacuum Line		20 HG
Height of conveyor.		800 to 850 mm adjustable.
Machine Dimensions**		3000mm (L) x 1050 mm (W) x 1900 mm (H)
Case Dimensions		3200mm (L) x 1250 mm (W) x 2100 mm (H)
Net Weight		850 kgs
Gross Weight		1200 kgs