

SED-120J-I Pharmaceutical Automatic Capsule Filling Machine



SED-120J-I Automatic Capsule Filling Machine is commonly used in the pharmaceutical, nutraceutical industries to fill empty hard gelatin capsule of various sizes with powders and pellets (optional).

The capsule filler automatically orientates, opens the empty hard gelatin capsule, properly fills the capsule with powder, and automatically closes the capsules. Spare part contact with medicine adopt superior SS 304 & GMP compliable material, which comply to GMP requirements completely.

Trait of Capsule Filling Machine

1. Small volume, low consumption of energy, simplification in changing modules. Easy operating and cleaning.
2. Adopt Fugexan eliminating Ma's trough roller to transmit, less vibration, its noise is lower than 75dB while running at top speed. Dose difference is controlled within $\pm 3\%$. The rate of capsule filling is $>99\%$.
3. The turning-around parts are in full closure, having excellent lubricating conditions. Without old spot on the working bench, avoiding the cross pollution with medicines. Around the dosage disk are fixed with shelter, which can reduce the medicine powder cast from under the dish through another pipe.
4. Meanwhile, it can reduce the dust on the surface of the bench.

Technical Specifications

Model	SED-120J-I
Machine Weight	140kg
Overall Dimension	730 × 700 × 1500mm
Motor Power	0.7kw
Power Supply	AC 220V, 50Hz
Capacity	7200 capsules/h
Capsule Size	00#~5# and safety capsule A~E
Capsule Using Rate	≥ 99.5%
Working Noise	≤ 75dBA
Dosage Difference	≤ ±3% (under more than 300mg dosing and 40~80 mesh after granulation)
Vacuum Degree	-0.02~-0.06MPa
Compressed Air	Air consumption ≥ 8m ³ /h
(for cleaning station)	Pressure: 0.4~0.6MPa
Working Temperature	21°C ± 3°C
Working Relative Humidity	40~55%
Exhaust Capacity	50m ³ /h
Control System	Frequency conversion speed regulation