

JTJ-V Updated Semi Automatic Capsule Filling Machine



Updated JTJ-V Capsule Filling Machine is one of the latest and most efficient capsule filling equipment developed by our factory based on DTJ-C (old model). The adoption of cylindrical pin positioning design of capsule loading assembly reduce the time to 5 - 8 minutes to complete the replacement and debugging of die. In capsule dropping, turning around, vacuum separation and manual operation, the new assembly is simpler, easier and more intuitive, compared to the old model, and the filling percentage is higher. This machine is novel in structure and beautiful in appearance, and adopts both electric and pneumatic control. It is equipped with electronic automatic counting device, programmable controller and frequency converter speed regulating device, which can, instead of manually filling, complete the action of capsule in place, separation, filling and locking respectively, to reduce labor intensity and improve production efficiency. The filling dose is accurate, and the machine is in line with the pharmaceutical business hygiene requirements.

The machine is composed of a new type of capsule loading and separating mechanism, material filling mechanism, locking mechanism, frequency control mechanism, pneumatic control and electrical control systems, protection devices, vacuum pump and other components, and air compression is optional accessories.

Characteristic:

1. Working steady, safe and reliable enough.
2. Capsule qualified rate is more than 99% with the precise dosage.
3. Timing frequency-conversion, programmable controlled.
4. New closed structure, accord with GMP standard.
5. Oxided capsule disc, harder and more endurable.
6. Automatic turntable, easy operation and high efficient.

Features:

1. Equipped with independent empty capsule feeding station, powder feeding station and capsule closing station
2. The filling amount can be adjusted by the number of rotations of the dosing disk. The powder feeder also has agitator to regulate the powder filling.
3. It has an infinite variable speed of filling table with independent power and fixed point filling that results in accurate dosage.
4. Powder material feeding is accurate
5. Machine body and working table made of stainless steel
6. After all the empty capsules have been rightly rectified and filled up, the mechanism will stop automatically to reduce the operators working worries.
7. Meet the GMP requirements of the pharmaceutical industry
8. Suitable for filling powder and granular materials in pharmaceutical and health food industries
9. The light-touch switches, feeding propeller and filling rotary table can be in automatic run based on preset and frequency speed control.
10. A special design allows for changing mould for different size capsules within 30 minutes easily, simply, and precisely.
11. Only one operator is required, and operating training can be done in 10 minutes
12. The machine comes with one set of capsule sized changeable parts, training video, dual capsule rings, pump unit and water recycling system.

Technical Specification:

Production Capacity	10-25 thousand pcs/hour
Capsule Size	000,00e1,00,0,1,2,3,4
Power	2.12 KW
Voltage	380 V, 3Phases/220V,3 Phases
Air pressure	0.03 cbm/min, 0.7 MPa
Net weight	380kg
Gross weight	500kg
Machine Dimension (L×W×H)	1.14×0.7×1.63m