

SED-800J-C Auto Capsule Filling Machine For Capsule



SED-800J-C 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.

Working Principle of Capsule Filling Machine

The working principle of the automatic capsule filling machine is divided into two parts, which are the movement of the capsule and the filling of the medicine:

1. Movement of the capsule

During the filling process of the intermittent capsule filling machine, the movement of the capsule depends on the indexing box for intermittent and discontinuous rotation. The filling volume of the capsule is mainly determined by the volume of the metering disc hole. The hollow capsule is in the capsule hopper, the main board moves up and down, the capsule enters the capsule guide groove by its own gravity, and then the horizontal fork and the vertical plug are used to make the capsule cap upward and the capsule body downward into the upper and lower modules. The capsule body and capsule cap are separated under the action of the device, and then the module enters the powder filling station.

2. Drug filling

The sensor in the powder holding ring controls the screw feeding rod above it, and the medicine is continuously added to make the height of the powder in the powder holding ring constant. position, push the drug column into the capsule body. After that, it enters into the capsule rejection, capsule locking, finished capsule discharge, and module cleaning stations in turn, and then enters a new round of station cycle, and the cycle begins again and again.

Parameter

Model	SED-800J-C
Capsule Size	Capsule size 00#-5# and safety capsule A-E
Capacity	800 capsules/min
Power	380V 50Hz 3KW
Noise Index	<75dBA
Overall Dimension (mm)	930×790×1930
Weight (kg)	800