

Semi-Automatic Capsule Filling Machines



The Semi-Automatic Capsule Machine is a new type of medical machine with a novel structure and a nice appearance. The machine is equipped with electrical and pneumatic control, capsule counting device and speed control device, which can complete the capsule separation, powder filling, capsule locking, and other functions. Instead of manual filling, the new machine can reduce labor intensity, improve production efficiency, filling dose accurately, and in line with pharmaceutical requirements.

This cap filler machine is composed of delivery and dispensing mechanism, medicine filling mechanism, locking mechanism, frequency control mechanism, pneumatic control and electrical control system, protection device and other components as well as vacuum pump and air pump accessories.

When you need the filling machine to run during testing debugging or maintenance, there is no need to unload gel capsules, only by unplugging the knob, capsules will stop falling down. This can cut capsule wastage and reduce capsule unloading time. Very effective and practical. Good quality 304 stainless steel as manufacturing, precise cutting processed and fine polished, conform to GMP. The Capsule drops down perfectly vertical to ground level, going mold easily and reducing capsule blocking phenomena. Spare parts to make machine easy calibration even under frequent installation and disassemble.

Technical Data:

1. Capsule mold change time: 5-8 minutes for beginners;
2. Filling Output: 10,000-2,5000caps per hour(depends on the size of gel capsules);
3. Applicable Capsule: 00# 、 0#、 1#、 2#、 3#、 4#、 5# and customized ones;
4. Applicable Powder: non-sticky powder and non-sticky small granule;
5. Power: semi-auto machine power consumption ranging from 2kw-3kw per hour.
6. Compressed Air: 0.03m³/min 0.7Mpa; air compressor can be prepared by buyers themselves, or buy from us.
7. Vacuum Degree: air sucking capacity 40m³/h; vacuum pump can order from us or source by users.
8. Shipping Package Appox: 1.8×0.8×1.75mm
9. Shipping Gross Weight: 400-500kg
10. Our machine can not only fill powder, but also small grain, small particles into empty capsules as long as the material is not wet or sticky.