KDF-6 Dosing Tube Type Capsule Filling Machine



Automatic Capsule Filling Machine has been designed and developed to fill hard gelatin capsules with powder or pellets. It is an extremely durable and reliable machine that fills dosages to the highest accuracy. It can be applicable to fill, inhalant micronized powder, various character powder, such as non-free flow powder, static flour, sticky fibroid material.

Applicable industry: Pharmacy, Biotechnology, Health Supplements, Nutritional Supplements, natural food...etc.

Features:

- The housing and surface are covered with stainless steel 304. All contact parts of medical powders are made from a corrosion resistant stainless steel 316.
- Parts are made by our own Computer Numerical Control machining dept., all parts are standardized and easy to substitute.
- Capable of filling 6 capsules at a time with operation from 10 stations. Accurate operation for orientation, opening, filling, joining and ejecting of the capsules.
- Compulsory spiral feeding in the powder hopper to ensure powder feeding and filling.
- Dual capsule-opening design to ensure all capsules are opened.
- Electrical impact protection device to prevent any further damage. The machine will stop automatically in the event of collision.
- Safety Sensing System to shut the machine down automatically in the event of problems when no capsules, no powder, door is opened, and abnormal load for the machine are detected.
- Automatic vacuum removal of the air in the dosing tube to give more accurate weitht of the filled capsules.
- Exclusive dosing tube system, temperature of the powder will not rise during the filling process.

- Adjustable compression piston in dosing tube to adjust the powder volume without change parts.
- Easy to change the molds without alignment. A person without experience can change the molds within 30 minutes.

Technical data:

Capacity:	Max. 50,000 Pcs/Hr
Power Supply:	AC 220/380V, 50/60Hz 3 Phase
Power Consumption:	Machine 1.1KW Suction 1.0 KW Vacuum 1.5 KW
Machine Size	167cm x 121cm x 196cm

Packing Size	182 x 136 x 211(H) cm
Net Weight:	Approx. 1,000 kgs
Gross Weight:	Approx. 1,350 kgs