

MINI CAPSULE MACHINE



Description :

Today 90% of the researchers are using Manual Capsulation Equipments which are in gross violation of a **Correct Scale Up of the Process**. Most of the Production Scale Encapsulation Machines of capacity of more than 10,000 Capsules/Hour, (Tamping Type) are FULLY AUTOMATIC either Tamping (80%) or Dozating Type. India's first machine launched Globally is the only machine available which would change the way most researchers do their Hard Gelatin/Veg. Starch Capsulation Research. Mini Cap is India's First Automatic Bench-Top Capsule Filling Machine for Powder and Pellet Filling. The machine has been designed to fill gelatin capsules and is incorporated with PLC controls and is designed as per GMP and CE standards. Basic Machine for Laboratories, Scientists, Process Development Laboratories.

Thanks to his compact size and design, it's easy to install the machine on any work bench. The work cycle is totally automatic and controlled by a programmable logic controller.

Salient Features :

- Mini Compact Size Human Touch Free Capsulation
- Maximum output of 1500/300 capsules/ hour*
- Machine with powder and pellet filling
- Auto Rejection of Un-Opened Capsules Fully Automated Capsulation Work Cycle
- Change over time 50 minutes
- No special tools required for the changeover
- Perfect machine for R&D lab/ process development labs/small size production of trial research, small batch production
- Machine manufactured as per CE, CGMP, GAMP Norms
- Inbuilt vacuum pump for capsule separation

Optional Features :

- Tablet attachment with NFD (Non Filling Detection)
- Extra change part for capsule size
- Recommended Spares
- Dozing Disc
- CE Certification
- Extra change part for tablet attachment
- IQ, OQ, DQ documents and test certificates provided on requirement

Change size Kit :

1. Upper bushings (8)
2. Lower bushings (8)
3. Dozing disc with counter disc (1)
4. Capsule orienting group (1)
5. Special pins for powder compression (4)
6. Pin for powder transfer into the capsule body (1)
7. Pin for capsule closing (1)
8. Capsule guide pipe (1)

**MINI CAP****Technical Specifications :**

Model	Mini Cap
Capsules / hr. (Max)*	1500/3000
Capsule Size	00-0-0EL-1-2-3-4
Power supply	230V, Single Phase, 50/60 HZ
Main Motor	0.09 KW, 1350 RPM, 230V, 3 Ph
Vacuum Pump	6 m ³ /hr
Vacuum Pump Motor	0.25 KW, 230 V, 2700 RPM , 1 Ph
Dust collector (optional)	Flow 2800 LPM, Max. Vacuum-500 mm of water, filter:5 micron
Compressed air	50 liters/min, working pressure 1-5 bar
Net weight in Kg.	152
Machine size in mm	643 X 635 X873
Possible dosing combinations	Powder, Pellets, Tablets (optional) and all possible combinations (optional)
Environment temperature	20-25 degree Celsius
Realative humidity	40-50 % RH

Note : Images Shown here are illustrative. As the design & manufacturing of Machines are subject to improvement, the product supplied will be as per our Techno-Commercial offer.