

NJP-2-800C Fully Automatic Capsule Filling Machine



This fully Automatic Capsule Filling adopts multicore dosing, intermittent motion & frequency control. High speed, high performance machine that incorporates latest international design and is built with precision using most appropriate material and up to date manufacturing systems.

It is suitable for automatic completion of Capsule feeding, separating, filling waste capsule rejection, closing, finished capsule ejection.

Different models are available for various output requirements.
It is designed to cater various formulations with option to fill powder.

Granule and pellet

The machine guarantees maximum quality in terms of filled accuracy and product safety at a very economical price.

NJP-2 series automatic capsule filling machine is a result of many years of experience in the field of capsule filling.

Functional sequence

1. Empty capsule loading and separation
2. Empty capsule loading and separation
3. Lower Module segment move down and outward
4. Powder or pellet filling
5. Reserve station
6. Removal of un-separated capsule
7. Lower module segment move back
8. Capsule locking
9. Discharge of filled capsule
10. Module segment cleaning

Features

1. Tamping Mechanism enables capsules to be filled with a weight variation of 2 %.
2. Faulty capsule and filled capsule ejection stations with individual air controls.
3. Quick changeover for a variety of capsule sizes with minimal follow-up adjustments and maintenance requirements.
4. Closed system protect your product from contaminants, and allow a dust-free production environment for better health and easier cleaning
5. Adjustable gap between dosing disk and tamping plate ensures minimum spillage of powder.
6. Unit goes with touch panel, control by PLC.
7. All contact parts of medical powders are made from a corrosion resistant stainless steel 316.
8. Automatic vacuum removal of the air in the dosing tube to give more accurate weight of the filled capsules.
9. Add the extra function of capsule control switch. Control the capsule outside of the machine that makes more safe
10. Click-moving control system, make and easier operation and clearness.
11. If needed, Can add print system

Technical Parameters

| Model | NJP-2-800C |
|----------------------|---------------------------------------------------------|
| Capacity | 48000 capsules/hr |
| No. of segment bores | 6 |
| Machine weight | 900kg |
| Machine Dimension | 865*855*1900mm |
| Power supply | 220/380V, 3 PHASE, 50/60 HZ (For customer to designate) |
| Motor power | Motor1.5kw vacuum1.1kw dust 2.2kw |
| Vacuum | 20m 3 /h-0.04-0.08Mpa |
| Dust | 17.6Kpa 180m ³ /h |
| Noise | < 80DB (A) |
| Filling percentage | Empty capsule 99.9% |
| | Full capsule over 99.5% |
| Capsule size | 00#-5# |
| Filling | ± 3%-± 4% |
| Suitable for filling | powder, granule, pellet, mini tablet |