

NJP Automatic Capsule Filling Machine



NJP series automatic capsule filling machine is a powder, granules or small pieces of equipment and other materials filled into the hollow interior of the capsule, which uses plug hole filling, intermittent operation, frequency control for capsule-like powder or pellets Drug agents automatically broadcast sac, sub-sac, filling, (waste capsule removed) lock bag, finished, output, etc., is an advantage I plant absorption of similar products at home and abroad with the actual situation, we developed the most advanced filling machines, production process in full compliance with GMP standards. Since the market highly favored by the Institute of Medicine, hospitals and small pharmaceutical companies, and the phasing out of the semi-automatic capsule filling machine, by domestic and foreign merchants welcome.

Features:

1. Improved the inner design turret, using the original Japanese linear bearings, to ensure the accuracy of the device as well as life.
2. Cam design at home, increasing the pressure pulverization oil pump, keep the cam groove lubrication to reduce wear and extend component life
3. The choice to increase the cam indexing box, become a handful of domestic use RU100 and RU100 indexing box supporting the use of the enterprise, although increasing costs, but greatly improves the stability and life of the machine.
4. The use of computer-controlled, stepless frequency control, digital display to achieve easy operation and clear appearance.
5. Using the next metering disc plane, based on three-dimensional adjustment mechanism, the gap uniform, to ensure that the load difference, accurate measurement and control within $\pm 3.5\%$.
6. The capsule is designed to increase control switch (outside the body in control, more secure and convenient.
7. Increasing the jog control system, to facilitate the production and cleaning of human action.

Technical Parameters:

Model	NJP-400C	NJP-800C	NJP-1200C	NJP-2000C
Weight (kg)	700	800	900	1500
Overall Size (mm)	720x680x1700	930x790x1930x	1020x860x1970	1000x1050x1950
Motor Power (kW)	3.32	4.9	5.75	6.45
Power Supply	AC 380V/ 50Hz			
Max. Production Capacity (pc/min)	400	800	1200	2000
Models can be filled capsules	00#~4# and safe capsule A~E			
On the chances of the capsule	≥99.5%			
Noise	≤75dBA			
Load Difference	300mg more than= $\leq\pm 3\%$ (granulated, after 40 to 80 mesh granulated particles filling)			
Compressed air	0.06m ³ /min 0.3Mpa		0.09m ³ /min 0.3Mpa	
Water Requirements	Water ring vacuum pump with tank recycling, but also external water.			
The degree of vacuum	-0.02~0.06Mpa			
Water flow	250L/h			
Inlet pipe inner diameter	20mm			
Drain pipe inner diameter	27mm			
Working temperature	21°C±3°C			
Working plant height requirements	Artificial feeding≥2.6m, vacuum feeding≥2.8m			
Operating humidity	40-55%			
Displacement	300m ³ /h			
Special function	Pellets can increase the filling means; functional powder collector			
	(part of the powder filling recovered by another line, without disinfection, sterilization, filling can be directly added to the			
	hopper again)			
Control system	Stepless frequency conversion, PLC control			
Material	The parts that Directly contact with the capsule and Drug are made of 304 and 316L stainless steel.			