

Semi-Automatic Liquid Capsule Filling Machine JTJ-L



For liquid capsule filling, the JTJ-L is a smart pick. This tough semi-automatic machine helps pharma and specialty makers accurately fill hard capsules (gelatin or HPMC) with liquids, oils, or even thick pastes. Unlike full-auto machines, the JTJ-L offers the best of both: human control combined with machine accuracy. This makes it perfect for R&D projects, clinical trial samples, or medium-sized batches where flexibility matters and you want to avoid waste. It's easy to use and quick to switch between products. Plus, it meets high hygiene standards, ensuring consistent doses and top-quality capsules every single time.



Features

- ✓ **Boosted Accuracy & Efficiency:** Don't worry about the problems that come from filling by hand. It uses mechanical methods to greatly improve how accurately and efficiently you can fill liquids.
- ✓ **Precise Dosing:** A smart suction pump works with a precise control valve system to make sure that every liquid dose is exactly right.
- ✓ **Smooth, Continuous Flow:** The smart driving motor and turntable design allow liquid to flow seamlessly and efficiently into capsules without interruptions.
- ✓ **Simple Maintenance:** We provide detailed cleaning and maintenance guides, making it easy to keep your machine running stably and reliably for years to come.
- ✓ **Built for Safety:** It uses a 380V50Hz three-phase, four-wire power supply, so safety is very important. We always emphasize proper grounding protection to ensure your team's safety.
- ✓ **User-Centric Design:** Every step, from pouring in capsules to collecting the finished product, is designed to be easy and smooth.
- ✓ **Easy Care:** Key parts of the machine, like capsule delivery, turning and separation, and the filling mechanism, are designed as separate units. This makes repairs easy and upgrades simple.

Technical Parameters

Model	JTJ-L
Output	1-10,800 capsules per hour
Capsule Size	00#, 0#, 1#, 2#, 3#, 4#
Filler Drug Type	Liquid material
Total Power	3.2 kW
Compressed Air	0.03 m ³ /min, 0.7 MPa
Vacuum Pump	40 m ³ /h
Overall Dimensions	Length: 1,130mm Width: 700mm Height: 1,600mm Weight: 400kg