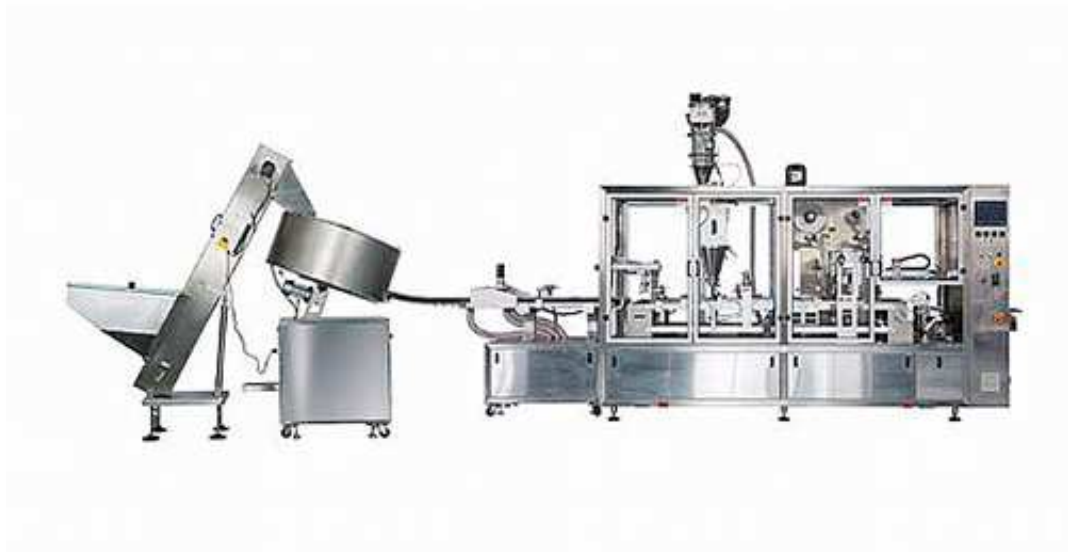


Nespresso Capsule Filling Sealing Machine CP5004N



CP5004N is designed and manufactured to fit for filling ground coffee, powder into coffee capsule espresso type, upgraded speed over 50 cycles per minute.

Ready to connect with the next packing system such as: paper box packing machine (also manufactured us), plastic bag packing, laser/ink date lot printer, etc. as well as auger conveyor, internet remote control assistance, etc.

Uses and properties: suitable products: ground coffee, instant powder, tea and liquid, k cup, Nespresso, dolce gusto, Lavazza, and other products quantitative filling.

Features:

1. The system packaging machine adopts screw filling with high metering accuracy.
2. UV sterilization
3. Filling head can be equipped with forced canning or arc filling, which is most suitable for different capsules.
4. Seal twice to ensure that the capsule is completely sealed.
5. Automatic control of material feeding.
6. Detection system, no cup without filling, foreign body detection alarm.

The main structure, and working principle: feeding system, weighing system, frame, powder pressing device, pneumatic control, PLC touch screen control.

Function:

1. The height of the vertical loading cup or horizontal drop cup station can be extended to three meters, which reduces the time for workers to put the empty cup into the filling machine repeatedly and makes the production more smooth.
2. The optional screw feeder can transport the ground coffee powder to the hopper of the filling machine by screw, avoiding the loss of aroma and freshness due to direct contact with air.

3. Servo control screw feeding, filling accuracy range is $\pm 0.05-0.15$
4. The powder pressing cleaning station can clean the powder at the edge of the filled Nespresso cup so that the capsule can be perfectly sealed.
5. Optional film or roll film station. The precut lid station completes the work by sucking the lid up and down by the manipulator. The roll film station can be applied to the film of 60mm-75mm.
6. Detection system: no cup no filling, sealing.
7. Nitrogen flushing, residual oxygen is less than 5%.
8. Conveyor belt transport finished capsule
9. Flip flop for the bulk pack, automatically counts 48ct, 96ct...

Technical parameters:

Model	CP5002E /CP5004E/5006E
Suitable for	Nespresso compatible (Aluminum/PBT/PP plastic)
Notice	One machine made for one capsule if more capsules need confirm by us
Capacity speed per minute	CP5002: 80-100pcs/min
	CP5004: 160-200pcs/min
	CP5006: 200-300pcs/min
Filling type	Serve motor driven auger filler
Filling accuracy	$\pm 0.1g$
Sealing type	Pneumatically driven heat and seal curve ring Omron precise temperature controller
Voltage	220v 50/60hz—3PHASE (by customer)
Dimension (Horizontal load)	4900mmX1100mX2062mm
Dimension (Vertical load)	3500 mmX1100mX2062mm
Weight	1250kg
Compressed air consumption	0.5 m ³ per minute @ $\geq 0.6Mpa$
Certification	CE, FDA, CSA, ISO Compliant