

D1C series Automatic Coffee Capsule Filling Machine



D1C series automatic coffee capsule filling machine is suitable for weighing all kinds of granular, powder, liquid and other materials. Such as coffee, milk powder, soy milk powder, tea, flower tea, instant powder, yogurt and other food materials.

Use capsule shapes: Nespresso, Dolce Gusto, Lavazza BIUe, Point, POD, K-CUP, Kshot, One Cup, etc.

Features:

- * The fully automatic coffee capsule filling machine adopts 304 stainless steel body, plexiglass door structure: beautiful, safe performance, set the door and stop function to ensure the safety of personnel operation;
- * Fully automatic operation process, small size of the machine, simple and easy to operate;
- * PLC control system, full display and real-time monitoring;
- * Automatic cup drop;
- * Vacuum automatic feeding;
- * Automatic filling (filling accuracy up to $\pm 0.1g$);
- * Add liquid system (add flavor and other liquids) (optional);
- * Automatic suction cup dust;
- * Ultraviolet sterilization (optional);
- * Automatic film suction and film release;
- * Ammonia gas filling system: Ammonia gas protection throughout the whole process from cup dropping to sealing, residual oxygen content is only 5%;
- * Automatic sealing, flat sealing and wire sealing can be selected according to the cup type;
- * Automatic cup;
- * Automatically detect the cup storage volume on the conveyor belt; use the sensor to detect the cup position to achieve the alarm function of adding cups under the detection line;

- * Automatically detect the film reserve, and alarm when it is lower than the limit;
- * Automatically record the number of packaged products.

Technical Parameter:

Model	D1C Series (Roll foil or Cutting lid)
Filling Weight Range	0-20g(Optional)
Filling Accuracy	±0.05~ 0.15g
Speed	120-160(Cups/min)
Hopper Capacity	2.5L- 110L (Optional)
Control System	PLC(OMRON ,SCHNEIDER,ROCKWELL)
Displayer	10 Inch touch screen
Power supply	AC220V/380V 50Hz/60Hz
Dimension (L*W*H)	3720*1200*2150mm+1750*1200*2150mm (L*W*H)
Weight	1150kg
Gross Weight	1250kg