

## *Hot Wax Filler F-HW-series*



Packry's F-HW series vertical cream liquid thermostatic mixing filling machine is to reform and innovate according to the import advanced filling machine technology products, the structure is simple and reasonable, high precision, simple operation, humanization design more in line with the requirements of modern enterprise, Widely used in pharmaceutical, cosmetic, food, pesticides and special industries, is the ideal equipment for quantitative filling of high viscosity fluid, paste, The adoption of pneumatic filling, a hopper and a material cylinder, discharging pipeline are heated by electricity, the hopper is equipped with a frame mixing system.

### **Features:**

1. This machine with a cylindrical inter-layer material box, electric heating, a paddle stirring device, can to paste liquid material heating, stirring, temperature control and other functions, can let the need of heating, stirring, temperature of the material within the prescribed limits of filling, reach the predetermined effect.
2. The filling machine adopts the compressed air control, double double, the cursor type of brake, speed is increased obviously than the bottle blocking form;
3. Pneumatic part adopt Taiwan AirTac pneumatic components.
4. Material contact part made of 316L stainless steel, meet the requirements of GMP.
5. A filling volume adjusting handle, the filling speed can be adjusted, filling with high precision.
6. Filling head adopts anti drip, drawing and lifting filling device.
7. The material from the hopper to the filling nozzle discharge end adopts a heating wire insulation.
8. The machine is arranged at bottom of foot mounted, convenient to move 9, the machine has reasonable design, compact structure, easy to use, low failure rate.

### **Principle:**

1. This machine adopts compressed air driving control, therefore particularly suitable for use in a explosion-proof requirements and humid environment, with high safety.

2. Through the movement of the cylinder to drive the piston cylinder for reciprocating motion, so that the cylinder before the chamber to generate negative pressure, when the cylinder moves down, pulling the piston downward, cylinder front cavity negative pressure is generated, the feeding barrel material is air feeding cylinder, into the cylinder through the one-way valve and. When the cylinder moves upward, push the piston forward, extrusion material, material through the one-way valve connector into the inside of the material to be filling the empty bottle to complete filling.

3. Due to the adoption of the start control, and the use of mechanical positioning, so the filling precision is high, the accuracy can be controlled in 5/1000.

4. The screw rod, counter, so that the adjustment of filling volume precision, and can be directly reflected in digital form

5. In need of emergency stop condition, just press the emergency stop switch, automatic return to the initial position after the piston, stop filling

6. According to the actual need, can be free to switch to "manual" and "automatic" filling state

7. The equipment failure rate is extremely low.

### Specification:

Models	Filling Range	Gas Consumption	Filling Speed	Filling Pressure
<b>F-HW-5</b>	5-60ml	19L/min	0-30 b/min	6kg
<b>F-HW-10</b>	10-120ml	15L/min	0-30 b/min	6kg
<b>F-HW-25</b>	25-250ml	30L/min	0-30 b/min	6kg
<b>F-HW-50</b>	50-500ml	45L/min	0-30 b/min	6kg
<b>F-HW-100</b>	100-1000ml	120L/min	0-30 b/min	6kg
<b>F-HW-250</b>	250-2500ml	250L/min	0-30 b/min	6kg
<b>F-HW-500</b>	500-5000ml	428L/min	0-30 b/min	6kg