

FH-8G Automatic Piston Filling Machine



This machine uses the piston cylinder of ration filling principle; the measure of filing quantity is controlled by the piston's stroke in piston cylinder of ration. Principle of operation: This machine is filler in straight line. The bottles conveyed by conveyor, when the bottle run into a pole which use for head off the bottle, the bottle will stop, in the meantime the bottle mouth under the nozzle. The filling part will drop to the bottle mouth. The filling material will be extracted in the material container by big air cylinder drive the piston cylinder of ration. After that filling is begin. When filling is over, the filling part rise and leave the bottle, the pole in the exit will take back, the bottles filled with material will be send out by conveyor, and a filling process is finish. The pole in the entrance will draw back, a batch of new bottles will be sent into the machine, and a new process of filling is again. The machine is suit for different material and specification bottle. It's used widely in pharmacy, food, chemical industry, cosmetics, light industry, etc.

CHARACTERISTICS

1. When the machine is short of bottles or no bottles are sent into , photoelectric sensor will discover the problem then the machine will suspend and alerting. The machine no material no filling and no bottle no filling.
2. When the bottles exit for the conveyor is blocking, the photoelectric sensor detect the signal, the machine will automatic stop.
3. The machine cans filling more time in one filling period.
4. The machine adopts human-computer interface (PLC), easy to operate and stable performance.
5. If that is special material, the machine's filling part can install a pneumatic valve, prevent the measure leak through.

TECHNICAL SPECIFICATIONS

Model	FH-8G
Filling Rate	30-80 b/min
Filling Volume	50ml-1000ml
Filling Precision	±0.5%
Voltage	220,50(V , Hz)
Total Power	1kw
Barometric Pressure	0.4MPa-0.6MPa
Gas Consumption	0.5m ³ /min
Weight	550kg
Overall Dimension	2000mm*1640mm*1670mm