



## *KFG2-A POWER FILLING MACHINE*



KFG2-A powder filling machine is one kind of sterile powder filling machine which our company developed initially. Its volume is small, same direction in bottle inlet and bottle outlet. The filling and capping is conducted in the same graduator. With its compact structure, it is welcomed by customers with small production capacity and small room size. We have large number of customer's home and abroad using this kind of powder filling machine.

### **Working principle:**

This machine consists of turntable, graduator, filling head, capping device and bottle outlet track.

The turntable and stainless steel chain is used to transfer the bottles, and the stepping motor is used to drive the filling auger.

Filling process: the chain sends the vial to the graduator, and then the powder conveying screw and the filling auger fill the powder into the vial according to preset step number. The capping device also add stopper on the vial when filling is finished and vial sent to capping position during the stop time of the graduator.

## Features:

- Suitable for pharmaceutical companies with small production capacity
- Different type of filling auger meets requirements of different powder fluidity
- Single chip system control the whole process, high automation degree
- Can adjust the filling dosage without stopping the machine
- Touch panel control can set the filling dosage without stopping the machine
- Speed controlled by inverter
- Falling bottle auto reject; no bottle, no filling; no stoppers, auto stops; insufficient stoppers alarm
- Auto counting function 2 heads filling, 2 heads capping
- CE certified, standard electric installation, safety guarantee on operation
- Auto stop filling when filling auger touches filling nozzle and alarms
- Easy to change the change part, filling dosage adjustable
- Optional acrylic glass hood, laminar flow, sealed air outlet device
- The whole machine is designed according to GMP requirements

## Technical Parameters:

Model	KFG2-A	
Production Capacity	2-10 ml	100-120 vials/min
	10-25 ml	80-100 vials/min
	25-100 ml	50-80 vials/min
	100-250 ml	20-50 vials/min
Suitable Vial Size	2-20 ml, 30-100 ml, 100-250 ml	
Filling Volume	0.5-1 g	
Vial Break Rate	≤ 0.1%	
Capping Rate	≥ 99%	
Filling Error	≤ ±3%	
Vacuum Degree	Pressure	6×10 <sup>-2</sup> Mpa
	Capacity	14 M <sup>3</sup> /h
Noise	≤ 70 dB	
Power	220 V, 50 Hz, 1Kw	
Packing Size	1680 × 1000 × 1750 mm	
Packing Weight	500 Kg	