



KFG4 Powder Filling Machine



KFG-4 powder filling machine is a new generation of high speed screw filling machine which our company developed based on the former 4 head powder filling machine. It adopts graduator system to conduct high speed filling process.

Production Capacity

7MI filling dosage 1g 280~300 bts/min

Working Principle

This machine consists of turntable, linear conveyor system, graduator, 4 head filling device, roller type stoppering device, bottle outlet track and electric control system. Its servo motor drives the 4 filling auger to fill with the help of graduator positioning system.

Through turntable and the conveyor, the bottles will be transferred to the graduator, then the powder conveying screw and the filling screw will fill the powder into the vial according to the preset parameter of the electric control system. Finally, the bottles will be added stoppers and then sent to the bottle reclaiming tray.

Characteristic

- Filling speed is high, servo motor driven, the filling precision is high.
- Plate type conveyor, star wheel and graduator linked together firmly, stable running and précised positioning.
- Different type of filling auger meet different the needs of filling different powder.
- PLC control the whole process, high automation degree .
- 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
- 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.
- Optional pre-fill and after-fill nitrogen filling device.
- The whole machine is designed according to GMP requirements.