

Vials Filling Production Line



Vial injection filling production line project (GMP) is a kind of screw type sterile vial powder filling machine our company has newly developed. It adopts two track, cylinder positioning, 2 head screw filling and 2 roller stoppering. The servo motor controls the filling auger precisely.

Working principle:

This machine consists of turn table, conveyor, twin track, cylinder positioning device, filling head, 2 rollers stoppering device and bottle outlet track. The filling auger is controlled by the servo motor precisely.

It use turntable and chain plate conveyor to transfer the bottles, cylinder to position the bottle, 2 track filling and 2 roller stoppering device.

Characteristic:

- 2 long chain plate conveyor, cylinder positioning, 2-head screw filling, 2-roller stoppering, so the machine length is shortened.
- Different types of filling auger meet requirements of powders with different fluidity
- Touch panel control can set the filling dosage without stopping the machine
- Speed control 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. easy to operate and disassemble. Easy to clean the key part.
- Optional acrylic glass hood, laminar flow, sealed air outlet device
- The whole machine is designed according to GMP requirements

Technical parameters:

- Suitable bottle range: 7-30ml tubular vial or molded vial
- Power supply: 380V 50Hz
- Power consumption: 1kw
- Compressed air pressure: 0.4-0.6Mpa qty:25-35L/min
- Filling error:≤2%
- Auto stoppering ratio: 99.9%
- Speed control by inverter
- Single machine noise: ≤70dB
- Weight: 800kg
- Dimension: 2270x1050x1500(mm)