

## *Automatic High Speed Vial Liquid Production Line*



Automatic monoblock liquid filling, stoppering and capping machine is a monoblock liquid filling machine in our company products. The filling, stoppering (as per required) and capping can be work together on one machine. It adopts 2/4 head peristaltic pump or stainless steel piston pump filling, it is suitable for pharmaceutical, veterinary and food industry. This machine consists of cylinder positioning device, bottle outlet track and electric control system. It depends on cylinder to position the bottles, cylinder to push the filling needle up and down to carry out the filling function.

### **Overview**

Vial Liquid Filling and Stoppering Machine is suitable for the liquid filling and rubber stoppering of glass vials. Machine complete in pleasing matt finished stainless steel construction. The basic unit consists of turntable/unscrambler, SS Stat conveyor belt, Highly efficient and precision built S.S. 316 Syringes, non-toxic synthetic rubber tubing and easy reach compact panel.

This machine is vial bottles, glass bottles liquid filling and Plugging and capping monoblock Machine, will automatically bottles feeding into machine, then filling and plugging and bottles outlet. Adopt or peristaltic pump or ceramic pump filling, pneumatic roof, electromagnetic vibrator to send, send cap, three knife centrifugal mill cover. Has characteristics of compact structure, precise measurement, reliable operation, it is an ideal equipment of schering bottles potting.

### **Features**

1. Peristaltic pump or high precision peristaltic pump filling, filling speed is high and filling error is small.
2. Groove cam device positions bottles precisely. Running is stable, change part is easy to change.
3. Button control panel is easy to operate and it has high automation degree.

4. Falling bottle auto rejected in the turntable, no bottle, no filling; machine auto stops when no stopper; auto alarms when insufficient stopper.
5. Equip with auto counting function.
6. Certified, standard electric installation, safety guarantee on operation.
7. Optional acrylic glass protection hood and 100-class laminar flow.
8. Optional pre-filling and after-filling nitrogen filling.
9. The whole machine is designed according to GMP requirements.

### Parameter

Filling nozzle	2 nozzles ( according to different speed can customize)
Capping head	1 head ( according to different speed can customize)
Filling method	Peristaltic /piston pump (according to different material and filling volue can customize)
Capacity	30 bottles/min ( 2 filling nozzles,1 capping head)
Suitable bottle	Dropper bottle, plug bottle, rubber plug bottle, chubby gorilla bottle, vial. penicillin bottle, spray bottle (can customize to suitable to different type bottle and caps)
Filling material	E-liquid, vial, essential oil, spray liquid, oral liquid and so on (can customize)