

Viscous Liquid Filling Machine



This machine is applicable for measure, filling and sealing the unit-dose liquid such as thick liquid, sticky and semi-sticky liquid, etc. It is majoring use for pharmaceutical, health care production, food industry, and cosmetic and so on.

Main characteristics

- 1) Computer control, stepless speed regulating, easy for operation ;
- 2) Capability abroad, widely application, reliable quality ;
- 3) Occupy small area, lower noise, salve the energy sources ;
- 4) Good appearance, new frame, reasonable composition ;
- 5) Changeable shape of bottle, just change the mold, and it is easy job.
- 6) Can packing different product and also measure it ;
- 7) Cut down the cost and easy for transport.

Specification

- 1、 Appearance dimension : 4200×1900×1860mm(L*W*H)
- 2、 Weight : 3400Kg
- 3、 Voltage : Three phase 380V
- 4、 Power : 12kw
- 5、 Cable section area : >6mm²
- 6、 Frequency : 50Hz
- 7、 Current (max) : 15.5A
- 8、 Air compressor power : 0.6Mpa/hour, 110L/min
- 9、 Cooling water input size : Φ15mm

- 10、Cooling water output size: $\Phi 15\text{mm}$
- 11、Water consumption : TEMP14-18°C, pressure 0.15--0.2Mpa, shut circle 280L/H
- 12、Packing material : PVC/PE
(0.3~0.4)*350max (mm) (or depend on the mold)
diameter (max)350mm diameter(inside)70--76mm
- 13、Number/board : 8-15flask/board (according to the volume)
- 14、Frequency : 10-20 board/ml
- 15、Volume range : 1.5-40ml
- 16、Filling precision : $\leq 3\%$, according to the national standard

Work principle

This machine can accomplish 21 process from the raw material to end product. First heating the packing material and push it to the mold, forming the shape in blowing. And now it is the bottle group, and then cutting them as the single board. Transfer the board to the electronic control program, filling system, sealing, end cutting, batch number, transfer the end product, all above process all transferred manipulator.

The whole process are controlled by program, achieve forming, filling and product output. It is an intelligent production line and the best packing product in pharmaceutical, food and industry. All connected part are made with stainless material which pass GMP standard.