

SED-10/2/2GSX High Dose Liquid Quantitative Filling Machine



This machine is automatic high-dose quantitative filling machine can be used in liquid, thin mucus in the body of the filling operation, the design based on pneumatic linear motion means, the use of PLC logic controllers and various detection sensors and cylinder retractable time difference

The vessel stopped at the filling position until the filling is completed, it will be filling the container opening while filling the containers are not transported to the filling position, and so forth movement, to the effect of automatic filling .

To make the filling material to reduce pollution and achieve the purpose of cleaning, the parts touch with liquid use stainless steel 316L, non-toxic materials such as silicone rubber, and designed to remove as much as possible, the combination of simplicity In the design of the replacement of the flexible, simple, easy to understand to learn, in a short time, change different container filling operations.

The machine can be used alone and integrated mechanical to achieve the operation of production lines. It suits general chemical, pharmaceutical, food, cosmetics, cleaning supplies and other automatic filling job.

It consists of single-track conveying bottles, cylinder position, and ten-pin filling. The main structure consists of the inlet and outlet bottle transport sector, peristaltic pump filling bodies, cylinder positioning mechanism, inside the transport mechanism and control system components.

Feature

- 1) Inlet and outlet bottle: It consists of inlet and outlet bottle conveyor belts and power transmission
- 2) Peristaltic pumps filling organizations: Adopt the ten peristaltic filling pumps to accurately control the amount of ceramic filling pump.
- 3) Cylinder positioning mechanism adopts PLC logic controllers and various detection sensors and retractable cylinder of the time difference, the vessel stopped at the filling position until the filling is completed, it will be open the filled container, while not filling containers transported to the filling position, and so forth action, to achieve automatic filling effect.
- 4) Transmission box: box by the motor, gear, gear, cam and chain drive mechanism, deputy station to complete the implementation of the required power.
- 5) Control system: adopt fixed frequency to frequency control motor function. The adjustments depend on step motor controlled by a microcomputer, with no parking will be able to adjust the load

Machine Parameters

Filling Specifications	50,100,250 ml
Production capacity	50ml 120 vials / min 100ml 100 vials / min 250ml 50 vials / min
Filling head	10 pcs
Single machine noise	≤70dB
Clean Air pressure	0.3-0.5 Mpa
Usage	30m ³ /h
Power Supply	380V 50HZ
Total power	1.5KW
Loading accuracy	± 2%
Dimensions (L × W × H)	3200×1000×1780(mm)
Weight	1200kg