

3. CHARACTERISTICS AND PARAMETERS

3.1 Semi-auto single head digital PLC controlled liquid filling machine



Major characteristics:

- The machine is the upgraded third generation model, with new designed metal surface panels, metal buttons and optimization software.
- Measurement and speed are controlled by microcomputer. The measurements are accurate and the machine is suitable for various liquids.
- Capacity, speed and filling interval can be easily set on the operation panel. No additional tools required.*Each filling's speed can be customized, setting the speed from high to slow and setting the appropriate proportions will eliminate bubbles from being produced.
- The operational panel is sealed and waterproof. Parameters can be set by a simply press of a button. The production parameter and machine working process can be real-time monitored through the LCD screen.
- The machine can store up to 20 sets of product data, allowing the user to conveniently adjust the filling specifications and production quantity at any time.
- The machine can be easily disassembled and washed at your convenience, without requiring any additional tools.
- Can be connected and used with a conveyor belt. A conveyor belt can be fitted with up to 4 units.

Technical parameter:

No.	Items	Performance
01	Filling head	1 or customized
02	Production speed	100ml 24 bottles/min 300ml 16 bottles/min 1000ml 10bottles/min
03	Filling volume	10ml-10000ml
04	Filling accuracy	0.5-1%
05	Power	220V,50/60HZ,400W
06	Dimension	310*430*320mm
07	Machine weight	18kg

3.2 Semi-auto single head digital PLC controlled viscous liquid filling machine



Major characteristics:

- Flexible use, can be used alone, also can be connected and used with a conveyor belt.
- There are two kinds of materials, SUS304 and SUS316L. The machine is easily disassembled and cleaned.
- The machine is pressure filling, can be filling ointment&viscous liquid, suitable for large viscosity range of filling material, 20000CPS actual measurement ,such as cream of medicine & cosmetics、grease、honey, etc...

- Large range filling volume, from 0.2g-10,000g (10Kg), the minimum filling capacity of 0.1 grams, actual measurement. Free adjustment, especially suitable for the customers needing large range of filling volume.
- High accuracy, accuracy of up to 0.5% (100g±0.1g actual measurement).
- The microcomputer controls parameters such as filling volume, rotating speed, filling speed and data storage. Can be operated on a metal panel or a LCD panel without any additional tools.
- Can be adding the filling nozzle without leakage.
- According to customer requirements, can be expanded to more heads, filling at the same time.

Technical parameter:

No.	Items	Performance
01	Filling material	Liquid and Ointment
02	Filling head	1 or customized
03	Filling speed	12-24 bottles/min
04	Filling volume	0.5g-10,000g(10kg)
05	Filling accuracy	0.5%@100g
06	Viscosity range	<18000CPS
07	Hopper size	5L,10L or customized
08	Power	220V,50/60HZ,400W
09	Dimension	310*430*650mm
10	Machine weight	22kg