

Semi-automatic Volumetric Filling Machine (Piston type) FL-020P



This filling machine uses volumetric electronic filling cylinder, more precise than traditional pneumatic cylinder. Filling precision is very high. Sanitary design in filling assembly is for cleaning and dismantling easily. 4.3" color touch screen is convenient to enter filling volume directly.

Field of Application

- Suitable for many kinds of flowing and non-corrosive liquids.
- High filling precision is suitable for various products with smaller production.
- Non-stop filling several times filling to reach bigger volume.

Features

- Sanitary design: Liquid contact parts are made of SUS316 stainless steel and filling nozzles can be cleaned & dismantled easily.
- Control system: MITSUBISHI (Japanese brand) PLC. Enter filling volume via 4.3" color touch screen (HMI).
- SICK (German brand) sensor for high precision with stable quality.
- SIKO (German brand) indicator with hand-wheel can change or record assembly position easily.
- Servomotor controls volumetric electronic filling cylinder for high filling precision.
- 50 sets of memory storage are perfect for various products.
- Most changeover or adjustments are fast and simple without using any tools.
- Two filling start-up modes: foot switch or touch screen. (If production volume is smaller, single filling nozzles of filling machine is available.)

Specification:

FL-020P Semi-automatic Volumetric Filling Machine (Piston type)	
Machine Dimension	790(L) x 775(W) x 1650(H) mm
Main Construction	SUS304 Stainless Steel / Aluminum Alloy / Carbon Steel / Engineering Plastic
Production Capacity	About 12 ~ 20 pcs/min (vary on different filling volume and liquid)
Filling Volume Range	20 ~ 300 ml (continuous filling can reach bigger volume)
Filling Precision	± 2 ml (based on filling 300 ml)
Power Requirement	220V, 50/60Hz, Single Phase
Optional Items	Liquid Feeding Pump