

FL-12

VOLUMETRIC LIQUID FILLING MACHINE



SPECIFICATIONS

Model	FL-12/FL-14
Electrical Supply	220VAC 50/60Hz Single Phase
Power Consumption	2 KW
Filling Capacity	100/ 150/ 250/ 500/ 1000ml Piston Pump
Filling Piston/Nozzle	2 pistons & 2 nozzles/ 4 pistons & 4 nozzles
Bottle Size Range	Dia. 35mm ~ Dia.100mm
Bottle Height	250mm Max.
Conveyor Width	114mm
Conveyor Direction	Left to right/ Right to left
Air Pressure	4-6 Kgs
Dimension	2000mm(L) x 1000mm(W) x 1840mm(H)
Net Weight	Approx. 150 Kgs



FEATURE

- High-grade of stainless steel 316 filling piston pumps
- Integrated digital control with Panasonic PLC and Delta colored HMI controls for easy operation.
- Calculates and displays the production rate (Bottles/Minute)
- Filling zone protected by interlock guards for safety registration
- Bottle gating system to accurately locate bottles under each filling station.
- System can draw liquid from any external source **subject to pipe length**.
- Flexible enough to handle production schedule and product changes quickly and simply
- Filling accuracy up to $\pm 1\%$ dependent on piston pump size and liquid characteristics.
- Servo drive motors for total control and accuracy during the filling cycle.
- Bottle filled quantity count function – Automatically calculate the quantity of filled product, via large display can also view current filling quantity in order to keep record and monitoring the production
- Memory slots for storing filling parameters for future operation
- Easy to install and operate, it only requires minimum maintenance for maximum performance and a long machine life time.
- Perfect inline connection with CP-10 automatic spindle capping machine.

OPTIONAL

- CE Specification Set, included Safety Module
- Manifold Pipe
- 200 Liter Material Tank
- 1000mm Feeding Turn Table
- Servo controlled diving filling nozzle. (For bottom up filling)
- Servo controlled timing screw system for oval containers.
- Pneumatic drive drip free positive shut-off nozzles

