

FL-800 & SU-101 Filling/Inserting/Capping Monobloc Machine & Unscrambler



The Pack Leader FL-800 filling/inserting/capping Monobloc machine with unscramble is suitable for liquids from low to medium viscosity, with accurate peristaltic and piston pumps filling performance. This machine is designed with double pumps/nozzles to boost production speed.

Advantage of its double pumps/nozzles enable machine to achieve cost effective production and high performance. User-friendly design allows operators to have an easy time to operate and low maintenance. Flexible design allows customers to choose between 2 or 4 pumps/nozzles to be applied on the machine.

Nib and Caps feed by vibrating bowls, and capping mechanism uses Permanent Magnet Hysteresis Clutch and Brake which can easily control the torque of capping.

Accurate bottle placing by servo controlled star wheel to ensure the filling/inserting/capping in perfect positioning.

Suitable for E-cigarette liquids, penicillin products, and eye drop products.

Features

- Integrated digital control with PLC/ Touch-screen controls for easy operation.
- User friendly operating system with self diagnostics / solution window.
- High resolution screen for clear view of the control panel.
- Designed with intelligent detection system to detect fallen, miss-positioned bottles and other error situations.
- Mechanical buffer design for reduced wear and redundant operation.
- Variable speed for different production speed.

- DIY design concept for easy disassembly, repair and maintenance.
- Aesthetic outline with perimeter gutter for easy clean up.
- Professional manufacturing techniques using ISO-9001 system.
- Stainless steel and anodized aluminum construction that complies with GMP standards.
- Material of parts contacting liquid is 316L stainless steel and silicone rubber, in conformity with GMP standard.

Specifications

Power	2.2 KW
Voltage	AC 220V 60HZ Single Phase
Filling Capacity	5-50 ml
Filling Nozzles	2 or 4
Filling Accuracy	±1%
Filling Pump Option	Peristaltic / Piston
Production Speed	50 BPM maximum
Air Pressure	4-6 kg
Dimension	FL-800:(L)3100mm x (W)2000mm x (H)1900mm
	FL-800&SU-101:(L)4175mm x (W)2125mm x(H)1900mm
Weight	1500 KG