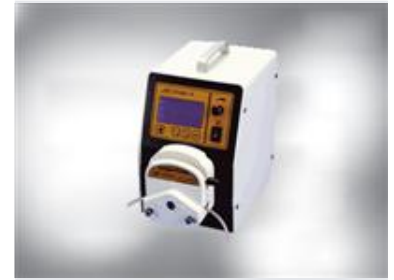


Cosmetic Liquid Filling Machine with Peristaltic Pump

This semi-automatic liquid filling machine uses a peristaltic pump for accurate cosmetic liquid dispensing. It is designed for small to medium-scale production with adjustable filling volumes and speeds.



Overview

Precision Peristaltic Filling Solution

This semi-automatic liquid filling machine utilizes advanced peristaltic pump technology to deliver precise and controlled dispensing for a wide range of liquids, including high-viscosity cosmetic products like oils, creams, and gels. Designed for laboratory and small-to-medium scale production environments, it features a user-friendly interface with an LCD display and flexible control options. Its compact, durable construction ensures consistent performance and high accuracy for demanding filling applications.

Performance Metrics

Speed Range	300 rpm
Filling Volume Range	0.1ml - 99.9L
Speed Resolution	1 rpm
Back Absorption Angle	0 - 360° (18° step)

Technical Specifications

Protection Class IP31	
Power Supply	AC 220V, AC 110V (Optional)
Power Consumption	50 W
Drive Dimensions (L x W x H)	202 x 160 x 239 mm
Drive Weight	4.3 kg

Control & Interface

External Control Inputs

- Start-stop control
- Direction control
- Speed control (0-5V, 0-10V, 4-20mA, 0-10KHz)

Display	128 x 64 dot matrix LCD
Communication Interface	RS485

Compatibility

Compatible Pump Heads

- YZ1515x
- YZ2515x
- YZ1515w

Operating Environment

Operating Environment Limits

40 °C

Max Temperature

80 %

Max Relative Humidity