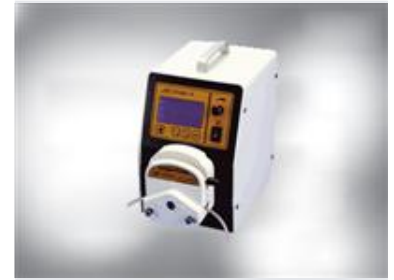


# Cosmetic Liquid Filling Machine with Peristaltic Pump

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