

Semi-Automatic Liquid Filling Machine

This semi-automatic liquid filling machine is ideal for precise dispensing in pharmaceutical, light industry, food, and pesticide applications. It incorporates a volumetric cylinder system with adjustable fill volume, controlled by pneumatic components and a digital control panel.



Overview

Precision Liquid Filling Solution

This semi-automatic liquid filling machine is engineered for high-precision dispensing across pharmaceutical, cosmetic, and food industries. Built with a robust stainless steel construction, it utilizes advanced pneumatic components from reputable international manufacturers to ensure durability and hygienic operation. The system features an adjustable volumetric cylinder, allowing for versatile filling ranges and speeds to meet diverse production requirements while maintaining strict compliance with GMP standards.

Technical Specifications

Power Supply	220V 50Hz
Air Pressure	6 kg

Performance Metrics

Filling Speed

50 bottles/min

Max Bottles/Min

Available Filling Ranges

- 2-60ml
- 5-125ml
- 5-250ml
- 10-500ml
- 30-1000ml
- 100-2000ml
- 150-5000ml

Filling Precision	Within 1%
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Design & Construction

Regulatory Compliance

GMP Compliant

Design Features

- Anti-leak nozzle design
- Anti-silk nozzle mechanism
- Adjustable fill volume and speed
- Modular multi-head upgrade capability
- Emergency stop and overload protection

Material Composition

Stainless Steel, Polyethylene