

Automated Medical Sampling Tube Filling Machine

This automated machine fills and seals medical sampling tubes with precision. It utilizes a servo motor drive and volumetric metering for accurate filling doses.



ADDITIONAL IMAGES



Overview



User-friendly PLC touch-screen interface for precise operational control.

High-Precision Automated Filling System

This automated medical sampling tube filling machine is engineered for high-throughput reagent and liquid packaging. It utilizes an in-line structure with servo-motor drive and volumetric metering to ensure high dosage precision. Designed for ease of use, the system features a Siemens PLC control unit and an intuitive touch-screen interface, making it an ideal solution for pharmaceutical and diagnostic liquid vial production.

Performance Metrics



Automated handling systems ensure consistent filling and secure cap application.

Operational Performance

70 pcs/min

Maximum Production Capacity

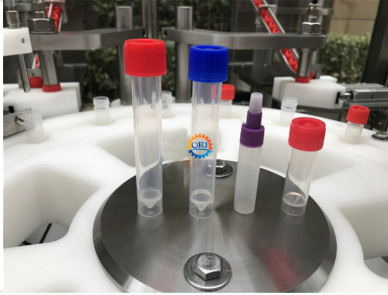
1 %

Max Filling Tolerance

99 %

Stoppering/Capping Efficiency

Technical Specifications



Precision-engineered rotary indexing system with multiple filling heads.

Technical Data

Feature	Specification
Applicable Tube Volume	2-50 ml
Power Supply	380V, 50Hz
Control System	PLC + Touch Screen
Driving Mechanism	Servo Motor

Key Features



High-durability stainless steel construction for hygienic pharmaceutical production.

System Highlights

Anti-drip nozzle, Servo control, Volumetric metering, Stainless steel construction, In-line structure

Applications

Compatible Containers

- Centrifuge tubes
- Reagent vials
- Freezing tubes
- Glass cryule vials
- Pharyngeal swab sampling tubes