

Automatic Vial Filling and Capping Machine

This machine integrates washing, filling, and capping functions into one automated system. It is designed for PET and plastic bottles, accommodating juices, mineral water, and purified water.



Overview

High-Efficiency Automatic Filling and Capping

This automatic vial filling and capping machine utilizes advanced micro-pressure filling technology to ensure faster, more stable, and highly efficient production. Designed for reliability, the system incorporates an OMRON PLC for automated operation and a transducer-controlled conveyor system. It is an ideal solution for beverage makers and industries requiring precise glass bottle processing with either aluminum theft-proof or plastic caps.

Technical Specifications

Compatible Caps

- Aluminum theft-proof cap
- Plastic cap

Filling Method

Micro-pressure filling (with optional Low Vacuum Z-type configuration)

Control System

Advanced OMRON PLC

Suitable Fill Materials

Beverages, Alcohol, Soy sauce, Pharmaceuticals, Cosmetics, Chemicals

Key Features

Operational Advantages

1 High

Automation Level

1 Quick

Adjustment Ease

Design & Build

Stainless steel construction • Photoelectric detection • Adjustable bottle handling • Reliable conveyor system