

# Automatic Bottle Inversion Sterilization Machine

This machine is designed for beverage filling operations, integrating washing, filling, and capping into a single automated process. It is suitable for sterilizing PET and plastic bottles containing juices, mineral water, and purified water.



## Product Overview

### Automatic Bottle Inversion Sterilization Machine

This automatic bottle inversion sterilization machine is engineered for high-efficiency continuous sterilization processes, making it an ideal choice for beverage, food, and pharmaceutical applications. Featuring a robust stainless steel construction, the system utilizes a specialized flipping mechanism to ensure uniform exposure of all bottle surfaces to the sterilization agent. With advanced PLC control and adjustable conveyor parameters, this machine offers reliable, high-yield operation suitable for diverse production requirements.

## Technical Specifications

### Automation Level

High Automation • Photoelectric Detection

### Compatible Caps

- Aluminum theft-proof cap
- Plastic cap

### Control System

OMRON Programmable Logic Controller (PLC)

### Filling Method

Micro-pressure filling (with low vacuum filling option for Z-type)

### Compatible Materials

Alcohol, Soy Sauce, Beverages

## Design & Construction

### Key Features

- Bottle inversion mechanism for uniform sterilization
- Adjustable conveyor speed
- Emergency stop safety features
- Protective enclosures
- Easy cleaning and maintenance design

### Material

Stainless Steel