

# Fully Automatic Vial Filling & Capping Machine CGZ-4



The CGZ-4 automatic vial filling & capping machine is designed for pharmaceutical and cosmetic production. It could handle 100-120 vials per minute precisely. Its all-stainless steel construction resists corrosion. The easy-to-use touchscreen control lets operators adjust filling volumes and capping pressure in seconds. This equipment is ideal for businesses that require efficient and clean vial packaging.

This machine combines three steps in one: filling, stoppering, and capping. It greatly improves efficiency during production. The peristaltic pump makes accurate liquid measurements ( $\pm 0.5\%$ ). It also won't cause contamination, ideal for medicines or serums. Safety features like emergency buttons prevent jams or spills. Moreover, this model allows quick cleaning and mold changes for different vial sizes.



## Features

- ✓ **High-speed automation.** It processes 100-120 vials per minute in one cycle. It automates the whole process from filling to capping.
- ✓ **Precision peristaltic pump.** It features  $\pm 0.5\%$  filling accuracy.
- ✓ **Touchscreen control.** It easily adjusts filling volume, filling speed, and capping pressure with a user-friendly interface.
- ✓ **Hygienic design.** 304 stainless steel construction meets pharmaceutical and food safety standards.
- ✓ **Smart sensors.** During production, it detects missing vials or caps to avoid waste and jams.
- ✓ **Quick changeover.** You can change molds and adjust parts in minutes for different vial sizes.
- ✓ **Compact design.** It fits in small spaces, ideal for labs or small production lines.

## Technical Parameters

Model	CGZ-4
Production Capacity	100~120 vials/min
Air Pressure	0.5~0.8 MPa
Air Consumption	8~10 m <sup>3</sup> /h
Power Supply	380V, 50Hz
Total Power	3.5kW
Weight	500kg
Dimension	2,000×1,100×1,800 mm