Automatic Desktop Vial Filling & Capping Machine CGZ-20

The CGZ-20 automatic model is designed for vial Filling and capping. It fills and caps vials at speeds of 15-20 bottles per minute with ±0.5% accuracy. It is perfect for medicines, cosmetics, or essential oils filling. The touchscreen controls make it easy to adjust settings, while stainless steel parts ensure hygiene and durability. In addition, its small size saves space, and quick mold changes let you switch between different bottle sizes in minutes.

This machine combines filling and capping in one simple process, reducing manual work and errors.

The ceramic pump handles thick or thin liquids without contamination. The adjustable capping head ensures tight seals every time. Safety features like an emergency stop button and grounded power protect users for safe operation. Whether you're bottling serums, supplements, or samples, this machine delivers fast and consistent results.

Features

- ✓ **All-in-one design.** It supports filling and capping vials in one machine, saving time and space.
- ✓ **Precision filling.** Ceramic pump ensures ±0.5% accuracy for liquids like oils or serums.
- ✓ **Touchscreen control.** It features an easy-to-use interface to adjust speed, volume, and capping tightness.
- ✓ **Quick changeover.** You can swap molds in minutes to fit different bottle sizes (5mL to 50mL).
- ✓ **Hygienic materials.** 316L stainless steel and ceramic parts meet food/pharma safety standards.
- ✓ **Compact & portable.** It fits on a desk or bench, ideal for small labs or workshops.
- ✓ **Safety first.** Emergency stop, grounded power, and alarms prevent accidents.
- ✓ **Low maintenance.** Simple cleaning and lubrication keep it running smoothly.

Specifications

Model	CGZ
Output	10-30 bottles/min (one outlet); 20-60 bottles/min (two outlets)
Filling Range	Determined by the pump head range
Filling Accuracy	±0.5%
Voltage and Power	110V 50/60Hz Single Phase, 500W
Compressed Air	0.4~0.6 MPa
Applicable Range	Customizable based on bottle diameter and height