

## *CCG1000-16TS Automatic Piston Filling Machine*



CCG1000-16TS Automatic piston filling machine is the upgrade volumetric filling that can be widely used for the high viscosity filling of liquid, EC, SL and SC. The machine is with linear structure and servo motor driven, volumetric filling method that can make sure the high precision of filling. It controls by the PLC and HMI, with the feature of easy operation. The machine has excellent arc frame design. An optional functioned high precision electric scale weight feedback system makes the volume adjusting easier and more convenient.

### **Features:**

1. It is widely used for the automatic filling from 80-1000ml in agrochemical, chemical, fertilizer, personal care products, oil and other related industries.
2. The filling unit uses piston off structure, it can completely discharge the product in the tank, effectively avoid the cross-contamination. This structure also makes the sealing ring changing easier.

**Technical parameters:**

Fill speed	100mL: ≤ 6,000 bottles / h 500mL: ≤ 4,000 bottles / h 1,000 mL: ≤ 3,000 bottles / h (* Water as the medium, the actual capacity fluctuates up and down depending on customer material)
Bottle type	Round bottle: Φ40-95mm in diameter Bottle height is 80-230mm Square flat bottle: 40-95mm long Width of 40-95mm High of 80-230mm
Fill capacity	50-1000mL.
Measurement accuracy	± 1g (100mL) ± 2g (1000mL) (* with water as the medium)
Discharge nozzle diameter	Φ18mm.
Corresponding to the minimum barrel mouth inner diameter	≥ Φ22mm.
Air source pressure	0.6-0.8MPa.
Power Supply / Power	~380V 50Hz/3.55KW.
Overall dimensions	2485 × 1540 × 2420mm (L × W × H)
Weight	About 2,000 Kg