

## *Filling and Capping Machine YHQF-1-series*



The filling and capping machine is one kind of automatic production equipment. This filling machine is suitable for different viscosity liquid. It adopts pneumatic piston type filling. Volumetric measurement and Proximity switch control the piston to filling. It can ensure the filling precision. It widely apply to fill the food, pharmaceutical, daily chemical, pesticide, cosmetic and other liquid or viscosity cream.

The filling machine we made by the imported high quality stainless steel, the control system and electrical spare parts we adopt world well-known brand, durable and stable.

The filling and capping machine adopt Linear bottle infeed method, can Apply to bottle with different size or different shape. It also can equipped with other machine, such as the Bottle Unscrambler, Capping loading machine, cap pressing machine according to the production requirement.

### **Features & Advantage**

1. Measuring by volume, filling accurate, when the container reach the predetermine filling piston, the piston will be pushed by the main cylinder stator to generate accurate forced filling to the container.
2. When the liquid easily scum, you can change the method of filling, make the filling spout dive to the bottom of the bottle, to reduce the impulsive force to avoid scum.
3. The machine is electricity-light-gas integration, supporting by PLC software, can realize invisible filling working, and carry out the automatic self-cleaning.
4. For safety, our machine will be covered with transparent cover to avoid the dust. And we assembled the emergency stop device. When open the protection cover, the machine will stop working.

**Application:**

Food: Liquor, fruit juice, soy sauce, peanut oil, ketchup, fruit jam.

Daily chemical: Shampoo, Shower gel, body lotion, detergent, hand soap.

Cosmetic: Perfume, face cream, lotion, hand cream, Liquid powder foundation sun screen.

Pharmaceutical: Medicinal liquid, cough syrup, disinfectant, ointment.

**Configuration:**

Model	YHQF-1-60	YHQF-1-125	YHQF-1-250	YHQF-1-500	YHQF-1-1000
Filling range	5-60ml	10-125ml	25-250ml	50-500ml	100-1000ml
Ideal filling range	25-60ml	50-125ml	100-250ml	200-500ml	300-1000ml
Air pressure	4-6kg/cm <sup>2</sup>	4-6kg/cm <sup>2</sup>	5-8kg/cm <sup>2</sup>	5-8kg/cm <sup>2</sup>	5-8kg/cm <sup>2</sup>
Filling speed	0-30B/min	0-30B/min	0-30B/min	0-30B/min	0-30B/min
Filling precision	±1%	±1%	±1%	±1%	±1%
Hopper	30L	30L	30L	50L	50L