

Automatic Servo Filling Machine SFC-series



Brief Introduction:

This Filling Machine is volumetric filling machine which is suitable for filling various viscosity fluid. The machine is made by in-line structure, filling head quantity can be custom-made according to request like 6/8/10/12/16 heads.

The filling system is driven by servo motor which assure high filling accuracy. It is controlled by the PLC, human interface and easy operation.

It is widely used in the cosmetic, foodstuff, and specialty chemical, pharmaceutical, and personal care industries.

Features:

- Made by high quality 304 Stainless steel, it is durable
- No bottle no fill.
- Can control different filling speed on one dose.
- Filling system is controlled by servo motor, it assure high filling accuracy.
- Diving filling head is available according to different product (For option).
- Air blow off filling nozzle is available for sticky product to avoid tail stringing on nozzle.
- Product receive tray is available in case any leakage from filling nozzle (For option).
- Can save up to 20 groups parameter on the PLC, convenient for operation.
- No tooling needed to change over different size bottles.
- Quick-install connecting parts, it is easy to disassemble and clear machine.

Main Parameter:

| Model | Unit | SFC | | | | |
|---------------------|----------|---|-----------|-----------|-----------|-----------|
| Nozzle Number | PCS | 6 | 8 | 10 | 12 | 16 |
| Filling volume | MI | 30-500 / 100-2500 / 500-5000 | | | | |
| Production capacity | Bottle/h | 1200-1900 | 1400-2600 | 1600-3200 | 1800-4000 | 2000-5000 |
| Quantitative error | % | ≤0.5% | | | | |
| Source voltage | V | Three-phase four-wire system AC220V 380V ±10% | | | | |
| Consumed power | KW | 2.5 | 2.8 | 3.5 | 4 | 5 |
| Gas supply pressure | MPA | 0.55-0.8 | | | | |
| Air consumption | M3/min | 1 | 1.2 | 1.2 | 1.8 | 2.5 |