



JT500 Automatic Piston Liquid Filling Machine



JT500 viscous liquid filling machine is equipped with a special three-way filling valve, used for liquid and cream products filling, especially for high viscosity materials. (such as thick sauce, chili sauce, tomato sauce, seed coating, micro-emulsions, suspensions, etc.) the effect is more obvious and the precision is higher. It adopts PLC programmable control, with the 6-inch touch screen human-machine interface system implemented, finishing the whole process automatically of bottle input, filling and output. Electrical equipments and pneumatic element parts are international brands to ensure excellent quality and sustaining stable performance. The device structure is simple, easy to operate, and it is the ideal filling equipment for high-viscosity material. It is equipped with filling cocks to prevent leaking and filling drawing bulkhead to ensure no leak, no drawing after filling.

Performance advantages:

- ◆ Servo motor driving
- ◆ Control system - with PLC control system, filling dose is of random fine-tuning.
- ◆ Operation Interface - 6-inch color touch-style user interface, intuitive and simple, safe and reliable
- ◆ Feature Enhancements - Cutting with anti-drip device, it can dive to fill with functional properties of materials. (This feature can be optional)
- ◆ Electrical components - using internationally renowned brands to ensure that equipment's reliability and high accuracy;
- ◆ Mechanical components - the contact parts are made of high quality stainless steel 316 and non-toxic corrosion and PTFE hoses. Other machine parts are made of high quality stainless steel 304.
- ◆ Count testing - real-time count, reflecting on the work output directly.
- ◆ Filling Detection - No bottle, or when bottles are not enough, no filling.
- ◆ Maintenance situations - the machine meets the GMP requirements, easy to disassemble, clean and maintain.

- ◆ Exchange standard – when changing filling specifications, you only need some simple adjusting to make it.
- ◆ Environmental protection configuration – the environmental framework in the machine makes operating environment more hygienic. (The environmental protection configuration can be optional).

Technical parameters:

- ◆ Number of filling heads: 4,6,8,10,12,16 filling heads optional
- ◆ Application bottlenecks: $\Phi 33$ - $\Phi 100$ mm
- ◆ Measurement accuracy: ± 1 %
- ◆ Canned capacity: 40-500 ml
- ◆ Capacity: 2400-4000 bottles/hour
- ◆ Air pressure: 0.7-0.9 MPa
- ◆ Power supply: 380 V/50 Hz
- ◆ Total power: 2.0 kw
- ◆ Dimension: 2000×850×1800 mm
- ◆ Weight: 1000 kg