

In-line tracking filling machine BCGG50-01



The machine is suitable for filling pastes and liquids. The filling piston dosing cylinder is driven by a servo motor; the filling volume can be controlled by adjusting the stroke position of the servo motor.

The filling method is compatible with various types of bottles. There is no need to intercept bottles for filling as in the conventional method; the filling action is completed during the movement of the bottle. When changing the bottle type for production, there is no need to adjust too many mechanical positions. The first time, the parameters are adjusted and stored. The next time you change the corresponding product for production, you only need to press one key to call the parameters, and the filling volume, filling nozzle height, filling speed and other parameters can be generated automatically.

Applicable to: daily chemical, pharmaceutical, cosmetic, food and agrochemical industries.

Features:

- The equipment has the features of compact and beautiful design, simple and convenient operation, etc.
- It adopts special ceramic three-way rotary valve to control the reciprocating movement of piston rod by servo motor to realize the filling of raw materials. It is an ideal production equipment.

- The material contact part is made of high specification 304 or 316 stainless steel, which meets GMP requirements. For highly corrosive liquids, the piston sealing ring is made of PTFE or fluorine rubber O-ring (3 years warranty) to ensure long-term stable operation of the equipment.
- One key automatic cleaning function can be realized on the touch screen, and the length and number of times of cleaning can be completed on the man-machine interface; according to the production requirements of different customers, CIP full tank cleaning can be done to clean the cylinder in multiple directions without dead ends, fully meeting the GMP requirements of filling production.
- The filling volume of different filling heads can be adjusted individually on the human-machine interface.
- The filling volume and filling speed can be adjusted at will, with high filling precision. Submersible filling can effectively solve the phenomenon of bubbling, drawing and splashing during the filling of special materials
- The discharging barrel of the filling machine is equipped with ultrasonic liquid level detection device and automatic feeding system. When the liquid level reaches the maximum point, it stops feeding. When the liquid level is at the lowest point, replenish the material to ensure the accuracy of filling. (Optional)
- Parameters can be stored and can be directly called for subsequent replacement production, which is convenient and fast and improves production efficiency.

Technical Parameters:

Model	BCGG50-01
Production speed	0~50Bottle/min (calculated by filling 500ml water)
Filling capacity	100ML~1000ML
Filling error	±1%
Filling method	Servo piston following type
Number of filling heads	2 heads
Voltage	3P 220/380V 50/60HZ
Power	2.5Kw
Air pressure	0.5~0.8Mpa
Weight	700KG
Machine size	L:2700mm W:1300mm H:1900mm