

Ring four station testing reagent filling and sealing machine BCHGX100-02



This machine is suitable for the filling and capping of COVID-19 antibody detection reagent, pharyngeal swab sampling virus detection reagent and other virus detection reagents.

The machine has the functions of automatic tube management, robotic tube clamping into the main machine, automatic tube detection (filling with tube, not filling without tube), servo motor-driven quantitative filling (accurate filling volume and adjustable measurement), and automatic sealing. Compared with similar filling machines, this machine has the characteristics of stable operation, low noise, high output and easy maintenance. With the continuous deepening of process technology by our technicians, the machine can well adapt to the fully automatic operation of various small dose filling. It is the reagent filling equipment that meets the GMP production specification. Our company can also design and manufacture customized products.

Features:

- Variable frequency electromagnetic vibration to sort out bottles or tubes.
- Four heads filling at the same time, fast speed and high production efficiency.
- High precision micro syringe pump is used for filling. The filling volume of each filling pump can be adjusted individually on the touch screen, which is convenient and fast.

- The filling head is driven by servo motor, which can be adjusted easily with the filling pump action.
- The tube loading and tube discharging are done by robot, each structure can be controlled separately to improve reliability.
- With no tube no filling function
- The electrical parts of the whole machine are imported configuration. Touch screen control and PLC execution make the operation more simple and convenient.

Technical Parameters:

Model	BCHGX100-02
Filling volume	1mL~5mL
Output	10~100 pieces/min
Loading accuracy	±1%
Number of filling heads	4 heads
Sealing yield	≥99%
Voltage	110/220V 50/60Hz
Host power	3KW
Filling method	Servo motor driven submersible filling
Weight	1500KG
Overall dimensions	L:2500mm W:1200mm H:1900mm