

Configuration List

1) Standard Configuration

- Automatic test tube fixture system
- Multi-channel additive dispensing system
- Additive drying system
- Automatic plastic cap feeding & capping device
- Vacuuming and stopper & compression system
- Automatic labeling system
- Automatic foam tray loading & heat shrink packaging system
- HMI (touch screen, PLC control)
- Stainless steel frame with dust-proof enclosure
- Alarm and fault shutdown functions

2) Options (Customized as per Customer Request)

- Automatic vacuum degree detection system
- CCD vision inspection system
- MES interface
- Intelligent remote operation & maintenance module with remote diagnostics

Spare Parts List

1. Sealing ring

Used to seal the gap between the vacuum chamber and the equipment surface during vacuum pumping. Prone to aging, with a service life of approximately 12 months.

2. Press belt

Used during labeling to press and secure the label onto the test tube, with a service life of about 6–12 months.

3. Vacuum pump filter

Used to filter impurities in the vacuum pump; prone to clogging by debris. It is recommended to clean every 3 months and replace every 12 months.

4. Photoelectric sensor / proximity switch

Used for position detection; performance may be affected by dust or vibration. Service life depends on the working environment.