

BST-01 Ampoule Breaking Tester

Ampoule Breaking Strength Tester can be used to have the quantitative test of ampoule breaking strength.

Ampoules are commonly used to contain pharmaceuticals and they are hermetically sealed by melting the thin top with an open flame, and usually opened by snapping off the neck. The proper breaking force of the neck is crucial for both the pharmaceutical safety and clinical application.

Principle: An ampoule sample is placed on the fixtures and the pressing head is driven down by the power system at the speed of 10 mm/m. The breaking strength is detected by the high precision load cell when the pressing head touches ampoule neck and breaks it.

- 7 inch TFT touch screen operation and PLC control
- Precision ball screw for accurate speed and displacement.
- Different specifications of 1ml, 2ml, 5ml, 10ml, 20ml capacity test fixtures
- Multiple fixtures available for other types of pulling and compression tests used in medical packaging
- Limiting device and automatic returning function
- Test speed is adjustable
- Microprinter for easy data output
- Test data storage
- Protection cover offered

Test Range	0 – 200N (Standard)
Speed	10 mm/m (other speeds available)
Resolution	0.1N
Standards	DIN/ISO 9187, GB 2637, YBB00332002

