

Product Information

HTZ 008B -- Bursting Strength Test equipment Of Foil & Paper



Application : It is suitable for bursting strength test of various kinds of foil, paper etc, especially in pharmaceutical and food industries.

Principle

HTZ-008B is based on Mullen theory, the piston injects silicon oil into the chamber covered by plastic membrane which contacts with the test sample continuously until the sample bulges to break, the maximum pressure is just the result of bursting strength.

Features

- ◆ Embedded system, remote service
- ◆ Touch screen operation
- ◆ 8 inch TFT LCD display parameters and results
- ◆ Bilingual language display
- ◆ Sample pneumatic clamping
- ◆ Highly accurate pressure sensor inside
- ◆ Safety mask, body protection
- ◆ Test automatically starts and stops
- ◆ Micro-printer prints mini-report
- ◆ Test curve display
- ◆ Interface: WIFI, RS232
- ◆ Supports DSM system (DSM, lab data management system)

Technical indexes

1. Test range: 50-2,000kPa (7 - 300psi, 0.5 - 20.4kgf/cm²)
2. Resolution: 0.1kPa
3. Error of reading: $\pm 1\%$
4. Fluctuation of Reading: $\leq 1\%$
5. Oil injection rate: (95 ± 5) ml/min
6. Sample clamping pressure: 100~1400kPa, Adjustable
7. System leakage: $< 10\%P$ max @ 1min
8. Upper clamp plate hole size: (30.5 ± 0.05) mm
9. Lower plate hole size: (33.1 ± 0.05) mm
10. Sample thickness: Up to 21mm.
11. Plastic membrane resistance: (30 ± 5) kPa @ Bulge (9 ± 0.2) mm
12. Gas supply: Air, 0.6MPa-0.8MPa (self-provide)
13. Gas consumption: 0.4m³/h
14. Dimension: 380mm \times 240 mm \times 530 mm
15. Power supply: AC220V 50Hz
16. Net weight: 33kg

Standard : ISO 2758, APPITA AS, 1301.403, ASTM D774, CPPA D.8, JIS 8112, SCAN P 24, TAPPI T403.

Configuration

Standard

configuration: Mainframe, silicon oil(1 bottle), plastic membrane, power line, calibration plug.

Optional:

Micro-printer paper, DSM system.

Note: Specifications are subject to change without prior notice.