

FDI-8001 Falling Dart Impact Tester



Application

For the determination of the energy causes the plastic film to fail under specified conditions of impact of a free-falling dart.

Features

1. Our own technology.
2. Large size touch screen operation.
3. Designed based on various standards.
4. Falling ball test available.
5. Method A, Method B, customized method available.
6. Test results, curve display.
7. Result multiple units display.
8. Micro-printer prints mini-report.
9. High performance pneumatic sample clamp.
10. Foot pedal operation available.
11. Safety cover.
12. Result statistics.
13. RS232 communication port. (optional)

Technical Indexes

Test method: Method A, method B, others

Dart mass: Method A: 50~ 2000g

Method B: 300~2000g

Result accuracy: 0.1g (0.1J)

Sample clamp: pneumatic.

Dart release: electromagnetism

Gas source: 0.5MPa~1.0MPa (self-provide)

Sample size: not less 150mm×150mm

Unit dimension: Method A: 450mm(L)×450mm(B)×1365mm(H)

Method B: 450mm(L)×450mm(B)×2160mm(H)

Power supply: AC 220V 50Hz

Net weight: 70kg

Standards

ASTM D1709, GB 9639, JIS K7124

Configuration

Delivery: Method A frame, A method weighs, foot pedal, level accessories.

Optional: Method B frame, B method weighs, communication cable, falling ball test accessories.

Note: Specifications are subject to change without prior notice.