

Falling Dart impact tester

Product code [RL-FDT-A](#)

RYCOLAB



Falling dart impact tester can test the resistance performance of plastic films, sheets, and composite films, foils, paper, with less than 1mm thickness. Impact test indicates material ability to resist external force.

Applicable standards

It conforms to standards: ASTM D1709, ISO 7765-1, JIS K7124-1, GB/T 9639.1-2008

Characteristics

- PLC control and touch screen operation
- Two tests methods of A and B(B optional)
- Test results g and J display
- Electromagnetic suspension and automatic falling
- Sample pneumatic clamping
- Observation light
- Manual and foot switch
- Micro-printer for data export

Characteristics

- Test Method Method A or Method B (optional)
- Test Range
 - » Method A: 50~2000g
 - » Method B: 300~2000g
- Dart Diameter Method A: 38 ± 1 mm Method B: 50 ± 1 mm
- Impact Height 660mm/1500mm
- Accuracy 0.1g (0.1J)
- Specimen Clamp Pneumatic Clamp
- Gas Supply 0.6 MPa 8 mm PU Tubing
- Specimen Size > 150 mm x 150 mm
- Power Supply AC 110~220V 50Hz
- Dimension
 - » Method A: 500 mm (L) x 450 mm (W) x 1200 mm (H)
 - » Method B: 500 mm (L) x 450 mm (W) x 2200 mm (H)



Measure



Improve



Service



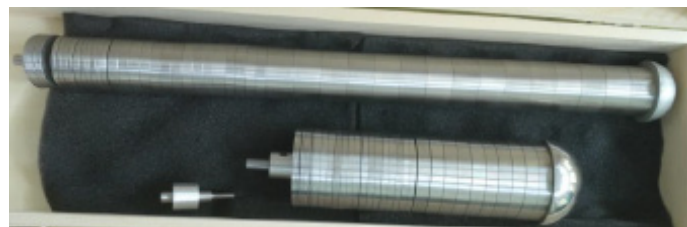
Sample Clamp



Sample Release



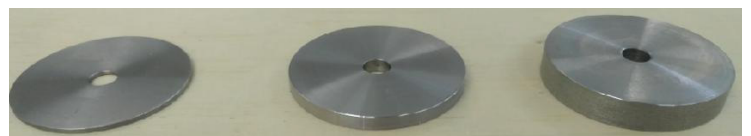
Display & Printer



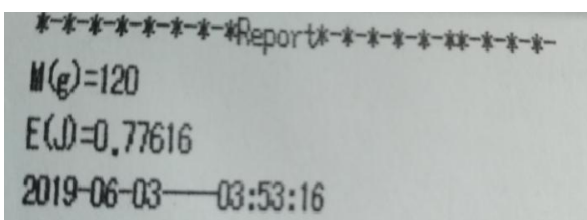
Darts Method A&B



Method A Incremental Weights



Method B Incremental Weights



Brief Test Report



A&B Impact Head