

Falling Dart Impact Tester

Model: HT-FD

HT-FD is ideal for Testing Impact Resistance of thin Flexible Materials as per ASTM D-1709 Method A & Method B.

Method A: Single dart drop of 660 mm. Drop weights from 1g up to 1460g the sample is held down by a vacuum and clamping ring. One 20g and One 60g darts are supplied which are suitable for testing thin film (<250 Micron) of low impact strength. Both darts have a 38.10 mm (1.5") diameter hemispherical head. hi-FD Model A must be selected.

Method B: Dual dart drop of 660 mm & 1525mm. Drop weights from 1g up to 1210g the sample is held down by a Pneumatically operated Clamp. One 20g, One 60g and One 100g darts are supplied which are suitable for testing film (>250 Micron and up to 1mm). All the Darts have 50.80mm (2.0") diameter hemispherical head. hi-FD Model B must be selected.

Application

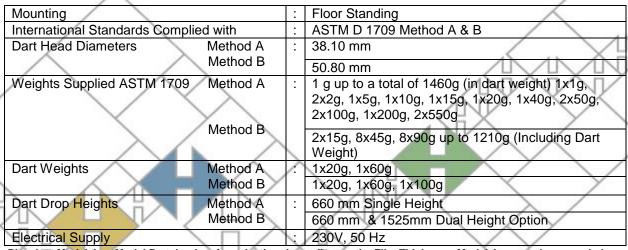
Determines the impact resistance of thin flexible materials like,

- Plastic films
- Plasticized papers
- Composite sheets

Features

- Floor mounted system
- Complies with international Standards
- Automatic Release of Dart
- Vacuum clamping (Model A only)
- Pneumatic clamping for stronger films (Model B only)
- Dual height option

Specification



Pl. select Model A or Model B at the time for selection depending on the Film Thickness. Model A cannot be upgraded to Model B.

