



UBIQUE SYSTEMS

DART IMPACT TESTER



Marketed by:



**SAURASHTRA
SYSTOPACK PVT. LTD.**

Serviced by:



**SAURASHTRA MARKETING
CORPORATION**



Manufactured by: **UBIQUE**, Pune

Dart Impact Tester

The Dart Impact Tester is used to determine mechanical properties of packaging material such as Plastic Films, Laminates and Paper.

The Dart Impact Tester determine the energy that causes packaging material to fail under specified conditions of impact of a free-falling dart.

This energy is expressed in terms of the weight (mass) of the dart falling from a specified height which would result in 50 % failure of specimens tested.

Features:

- Easy clamping of the specimen.
- Magnetic clamping and release of the dart.
- Easy add on weight for quick testing.

Suitable for Testing as per following standard:

IS : 2508 - 1984

ASTM : D170 - 09

Technical Specification:

- Dart Drop Height - Available upto 1524 mm
- **Specimen Holder:** Manual Clamp
- An Electro - Mechanical Mechanism for releasing the dart
- **Power:** AC 220 V 50Hz 1 Ph
- **Test Range:** 5 gms to 2000 gms

Additional Stainless Steel Masses/Weights:

- 24 Pcs of 15.0 g \pm 0.1 g
- 05 Pcs of 15.0 g \pm 0.1 g

Dart Assembly:

Steel Shaft Tip: 6.4 mm OD x 12.7 mm Long

Hemispherical Head: 38.1 mm ? (Diameter)

Machine Dimension:

Length : 350 mm

Width : 450 mm

Height : 1650 mm

Other Testing Equipments available:

- Box Compression Strength Tester • Bursting Strength Tester • Caliper Thickness Gauge • Cobb Tester
- Co-Efficient of Friction Tester • Cone Core Compression Tester • Crush Tester • Dart Impact Tester
- Drop Tester • Moisture Tester • Puncture Resistance Tester • Ply Bond Tester • Sample Cutter • Scuff Tester
- Specimen Maker (Flutter) for CMT • Tear Resistance Tester • Tensile Strength Tester • Torque Tester
- Universal Testing Machine • Vibration Tester

Since we are continuously improving and updating the equipment, the design and specifications of all models featured here are subject to change without notice.

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