



**OCTAGON  
SOLUTIONS**

## Octagon Solutions

📍 61-Ground Floor, Sunview, Pocket 4,  
Dwarka Sector 11 Metro Station,  
New Delhi-110075,

☎ +91 9911909910  
☎ +91 9811117052

✉ octagonsolutions75@gmail.com

## Dart Impact Tester - Drop Impact Test Machine



The Drop Impact Test Machine, also known as the Dart Impact Tester, is designed to assess the impact resistance of materials by simulating the impact of a falling dart. This machine is commonly used in industries such as packaging, automotive, and construction to evaluate the durability and strength of various materials. By measuring the force and energy absorbed during impact, the Dart Impact Tester helps manufacturers and researchers make informed decisions

about material selection and design.

A Dart Impact Tester is a form of test used to determine free falling dart method. It helps in determining the strength of packaging material (films) and comprises a dart

placed above the base that is released on the sample and in case it fails to break, a new height is determined.

## Specification:

- As per ASTM-D1709 and IS 2508
  - To test the impact resistance of the film by free falling darts.
  - Set of 5 to 500 grams weights supplied for incremental loads.
  - Electromagnetic darts holding/release system.
  - Digital counter to count the trials.
  - Vacuum indicator to check the vacuum.
- Supply-230VAC +10 VAC/50 Hz.



## Key Features

- **Precision Testing:** Ensures accurate measurement of impact resistance for various materials.
- **Adjustable Impact Energy:** Allows flexibility in testing different impact strengths as per testing standards.
- **Digital Display:** Provides clear and precise readings of impact results for easy analysis.
- **Safety Features:** Designed with safety interlocks to prevent accidents during testing procedures.
- **Durable Construction:** Built with robust materials to withstand repeated use in testing environments.
- **User-Friendly Interface:** Intuitive controls for seamless operation and quick testing cycles.
- **Compliance:** Meets international standards ensuring reliability and consistency in testing outcomes.



## Why Choose Us?

- **Expertise:** Over 25 years of experience in the printing industry.
- **Innovation:** Commitment to modern technology and continuous improvement.
- **Quality Assurance:** Rigorous quality control processes to ensure product reliability.
- **Global Presence:** Serving clients worldwide with 24/7 customer support.

Read more:-



[Tensile Testing Machine](#)

[Peel Bond Strength Tester Machine](#)

**For more information or to place an order, contact us at:**

**Phone: +91 9911909910, +91 9811117052**

Email: [info@octagonsolutions.com](mailto:info@octagonsolutions.com) or [octagonsolutions75@gmail.com](mailto:octagonsolutions75@gmail.com)

Website: [The Octagon Solutions](#) & [Octagon Solutions](#)

**Feel free to adjust the specifications and features according to the actual product details provided by your manufacturing team.**