

**Product Name :**  
Impact Testing Machine (Izod & Charpy)

**Product Code :**  
Material0007



**Description :**

Impact Testing Machine (Izod & Charpy)

**Technical Specification :**

**Impact Testing Machine (Izod & Charpy)**

Impact Testing Machine (Izod & Charpy) from Civil Mechanical Laboratory India

**Impact Testing Machine (Izod & Charpy)**

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-Suitable for Charpy & Izod Impact tests on different materials.  
Impact Testing Machine (Izod & Charpy) for Civil Engineering from  
Laboratory Equipment Manufacturers India - It is based on Pendulum  
principle.

-Rigid designs of instrument frame & other parts assure minimum energy absorption during fracture  
which results in improved test accuracies.

-The highly strained & wearing parts like support blocks & strikers are of special alloy steels duly heat  
treated.

-Direct indication of Impact energy absorbed by sample on large dial

-Safety guard for the user is provided.

-Initial potential energy for Charpy is 300 Joules & for Izod is 170 Joules with a Least Count of 2 Joules  
(for Analogue models) & resolution of 0.5 Joules (for Digital Model).

-Drop Angle of Pendulum for Charpy is 140° & for Izod is 90°.

-ASTM Impact Testing machine is also provided, which conforms to E-23 ASTM standard.

-Gauges, Tongs, Sub-zero bath, Templates, U & V Notch milling cutters are available with it (Optional).

## Civil Mechanical India

**Website:** [www.civilmechanicalindia.com](http://www.civilmechanicalindia.com), **Email:** [export@civilmechanicalindia.com](mailto:export@civilmechanicalindia.com)

**Address:** 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, +91-0171-2601773