Product name:	Product code:
Digital Charpy Impact Testing Machine 300 J	CMI-IND-0301

Description

Pendulum impact tester measuring absorbed energy of notched metal specimens in Charpy mode. Used by foundries, forging shops and steel plants to assess toughness and ductile-to-brittle behaviour.

Technical specification

- Specimen centring tongs
- Striker 2 mm
- Striker 8 mm

The machine releases a 300 J pendulum to fracture a V-notch or U-notch bar and displays the absorbed energy digitally. A rigid cast frame and low-friction bearings keep windage and friction losses within standard limits.

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Features

- Digital display of absorbed energy in J
- Motorised pendulum raising and automatic latch
- Safety guard with interlock
- Interchangeable striker radius 2 mm and 8 mm
- Friction loss check function

Technical Specifications

Maximum energy	300 J
Pendulum impact velocity	5.2 to 5.5 m/s
Angle of lift	150 deg
Energy resolution	0.1 J
Anvil span	40 mm
Specimen size	10 x 10 x 55 mm
Striker radius	2 mm and 8 mm
Power	230 V AC, 50 Hz
Standards	ASTM E23, ISO 148-1, IS 1757

Standard Accessories