Product name:	Product code:
Izod and Charpy Impact Tester for Molded Plastics	CMI-IND-0205

Description

Pendulum impact machine for notched and unnotched Izod and Charpy tests on injection molded plastic bars. Used by molders and compounders to compare toughness of grades and detect brittle parts.

Technical specification

- Pendulum set
- Izod and Charpy anvils
- Specimen gauge
- Notch depth gauge

Standard test bars are molded, notched and broken by a swinging pendulum to read the absorbed energy. Interchangeable hammers cover tough and brittle polymers alike. The unit supports both Izod and Charpy fixtures on one frame.

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Features

- Set of pendulums from 1 to 25 J
- Both Izod and Charpy test supports
- Dial or digital energy readout
- Friction and windage correction
- Safety guard with interlock

Technical Specifications

Test Standards	ASTM D256, ASTM D6110, ISO 180, ISO 179
Pendulum Capacity	1, 2.75, 5, 7.5, 15, 25 J
Impact Velocity	3.5 m/s (Izod), 2.9 m/s (Charpy)
Resolution	0.01 J (digital)
Specimen Size	63.5 x 12.7 x 3.2 mm bar
Span for Charpy	40 mm and 62 mm
Construction	Cast iron base, powder coated
Power	230 V AC, 50 Hz

Standard Accessories