

# PM ENTERPRISE

## Impact Testing Machine with all Accessories



### Features:

- Small-scale, bench top, notched-bar impact tester
- Equipment should provide an effective, convenient and safe introduction to the principles of common impact testing technique, enabling investigations into the resistance of materials to crack propagation, includes digital display of energy absorbed at impact and angular position before and after impact
- Visually effective, interesting and motivating exercise, copper or aluminum specimens. Lengths of each material are included, along with a hacksaw and cutting jig for comparisons.

**Model:** PM

**Country:** India

### Experimental Capabilities

Introduction to the principles of common impact testing methods such as Izod and Charpy tests

Investigations into crack

Propagation and crack Propagation

### Technical Specifications:

- Impact energy, 2.75J
- Specimen, Cut from 3.2 mm rod, supplied as: 2 m aluminum alloy, 2 m copper, 2 m brass & 2 m mild steel

### Features:

- Small-scale, bench-top, notched-bar impact tester.
- Effective, convenient and safe introduction to impact testing techniques.
- Digital display of energy absorbed at impact and angular position before and after impact.
- Designed to fracture plain carbon steel, brass, copper or aluminum specimens.
- Includes lengths of all materials with a hacksaw & cutting jig for consistent notch position.
- Supports Izod and Charpy test principles.

### Technical Specifications:

Impact energy: 2.75J

Specimen: Cut from 3.2 mm diameter rod

Supplied materials:

- 2 m aluminum alloy
- 2 m copper
- 2 m brass
- 2 m mild steel

Accessories:

- Hacksaw and 10 hacksaw blades
- Cutting jig
- Two specimen holders & Allen keys

Dimensions: 730 mm high × 230 mm wide × 480 mm

PM ENTERPRISE