Gardner Type Impact Tester Model: G0001

a measurable difference...

IDM instruments

The Gardiner type impact tester is used to rank materials according to the energy required to break flat, rigid plastic specimens, under various specified conditions of impact of a striker, impacted by a falling weight.

Applications:

Impact properties of plastic materials

Features:

- Bench mounted operation
- Heavy duty base to Withstand the impact shock
- Steel rod impact mass
- Specimen support plate
- Hardened steel striker with a rounded nose
- Weights: 0.9kg (2Lb), 1.8kg (4Lb) and 3.6kg (8Lb)
- Slotted guide tube (1.0m / 40" in length), in which the impact mass slides.
- Bracket holds the tube in a vertical position by attaching it to the base
- Bracket holds the pivot arm alignment for the striker, about 50mm / 2" under the tube.
- For Geomtrics GA, GB and GC, a specimen of 15.86mm ± 0.1mm (0.625" ± 0.004")

• With Geomtrics GA and GD, a specimen support plate with a hole 76mm \pm 3.0mm (3.0" \pm 0.12") in diameter is mounted in the apparatus.

Standards:

- ASTM D5420
- ASTM D5628
- ASTM D3763
- ASTM D4226
- ISO 6603-1: 1985

Dimensions:

- **H:** 1,400mm
- W: 300mm
- **D:** 400mm
- Weight: 23kg

Options:

- Weights
- Striker
- Drop tubes

Benefits:

- Easy to use
- Fast results
- Accurate

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