

Gardner Type Impact Tester

Model: G0001

a measurable difference...

IDM[®]

instruments

The Gardner 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 Geometries GA, GB and GC, a specimen of 15.86mm \pm 0.1mm (0.625" \pm 0.004")
- With Geometries 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.



Benefits:

- Easy to use
- Fast results
- Accurate

Standards:

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

Options:

- Weights
- Striker
- Drop tubes

Dimensions:

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