

TESTING INSTRUMENTS FOR
A MEASURABLE DIFFERENCE...



GARDNER TYPE IMPACT TESTER

MODEL: IDM – G0001



INTRODUCTION

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.

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.
- The bracket holds the tube in a vertical position by attaching it to the base
- The 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

STANDARDS

- Easy to use
- Fast results
- Accurate

APPLICATIONS

- Impact properties of plastic materials

STANDARDS

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

CONNECTIONS

INSTRUMENTS:

- 220/240 VAC @ 50 Hz
- Or,
- 110 VAC @ 60 Hz
- ** Please specify when ordering.

DIMENSIONS

- **H:** 1400 mm
- **W:** 300 mm
- **L:** 400 mm
- **Weight:** 38 kg

WARRANTY AND CALIBRATION SERVICES

- **1 year Warranty**

Our ***Preventive Maintenance and Calibration (PM&C) program*** has been designed to make the maintenance and calibration of your valuable testing equipment more cost-effective by preventing breakdowns and downtime through regular calibration, service and replacement of defective parts. Talk to us about this today.