

TESTING INSTRUMENTS FOR
A MEASURABLE DIFFERENCE...

IDM
instruments

DUPONT IMPACT TESTER

MODEL IDMH0007-M1



10 - 11 Colrado Court Hallam,
Victoria, 3803, Australia
Tel: +61 39708 6885

sales@idminstruments.com.au
www.idminstruments.com.au

INTRODUCTION

The DuPont Impact Tester has been designed to test the endurance of coated material, when impacted by a falling weight at specified points. The purpose of the test is to see if test specimens can resist the effect of rapid impact testing.

The principle of the test is that a coated test specimen is impacted by a falling weight, at a fixed height; thus checking the damage or deformation of the test specimen.

The DuPont Impact Tester can also be used on paintings with coated materials. The same procedure is followed, using various impact heads or needles to drop freely onto the test specimen from a certain height. This is performed three times on the same test specimen, which is then left to stand any cracking on the painting.

FEATURES

- Impact Needle: 12.7mm Ø x 100mm height
- Falling Height: 50mm – 1,000mm
- Standard Falling Weight: 300g
- Steel Plate: 200mm x 100mm

APPLICATIONS

- Plastics
- Coatings

CONNECTIONS

- N/a – this is manual equipment and does not require electrical input.

DIMENSIONS

Instrument:

- H: 1340 mm
- W: 350 mm
- D: 250 mm
- Weight: 30 kg

Packaged:

- H: 5200 mm
- W: 550 mm
- D: 1720 mm
- Weight: 88 kg

STANDARDS

- ASTM D 2794
- JIS K5400
- ISO 6272
- CNS 10756

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 by regular calibration, service and replacement of defective parts. Talk to us about this today.

OPTIONAL ITEMS

Falling Weights

- 500 g (IDM-I0007-OP1)
- 1000 g (IDM-I0007-OP2)
- 2000 g (IDM-I0007-OP3)

Impact Needles

- Impact Needle - R1/16" (IDM-I0007-OP4)
- Impact Needle - R1/8" (IDM-I0007-OP5)
- Impact Needle - R3/16" (IDM-I0007-OP6)
- Impact Needle - R1/4" (IDM-I0007-OP7)
- Impact Needle - R1/2" (IDM-I0007-OP8)

