

DuPont Impact Tester

Model: I0007

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 for one hour. The test specimen is then checked for any cracking on the painting.

Application

- Coatings
- Plastics

Features

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

Benefits

- Easy to use
- Fast results
- Accurate

Standards

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

Connections

- N/A

Dimensions

- H: 1150 mm
- W: 500 mm
- T: 350 mm
- Weight: 45 kg

Options

- Falling Weights: 500g, 1,000g, 2,000g
- Impact Needles: R1/16", R1/8", R3/16", R1/4", R1/2"

