

Small Ball Impact Tester

Model: I0003

a measurable difference...

IDM[®]
instruments

The Small Ball Impact Tester is used to measure the resistance of impact on laminated surfaces / floor covering elements by the minimum impact force needed to cause visible damage to the surface under test.

Specimens are subjected to the impact from a 5-mm steel ball mounted at one end of a spring-loaded bolt. The minimum spring force needed to cause visible damage is used as a measure of resistance to impact by the small-diameter ball.

The impact resistance to small-diameter ball is the maximum value of the spring force, in newtons (N), for which no damage occurs in a series of five successive strikes at the same spring force. The final result will be the average value from the maximum values obtained from the last four specimens tested, expressed to the nearest 1 N.

Applications:

- Laminated Surfaces
- Floor Coverings

Features:

- Newton-force scale
- Adjustable Spring Compression Force: 0 - 90N
- 100mm long Compression Spring
- Impact release lever
- Force-Setting Barrel
- 10 steel balls (5mm)
- Stainless Steel construction

Standards:

- ISO 24335:2006
- ISO 4586-2
- EN 438-2: 2005

Dimensions:

- **H:** 320mm
- **W:** 120mm
- **D:** 120mm
- **Weight:** 3.5kg

Benefits:

- Easy to use
- Fast results
- Accurate

