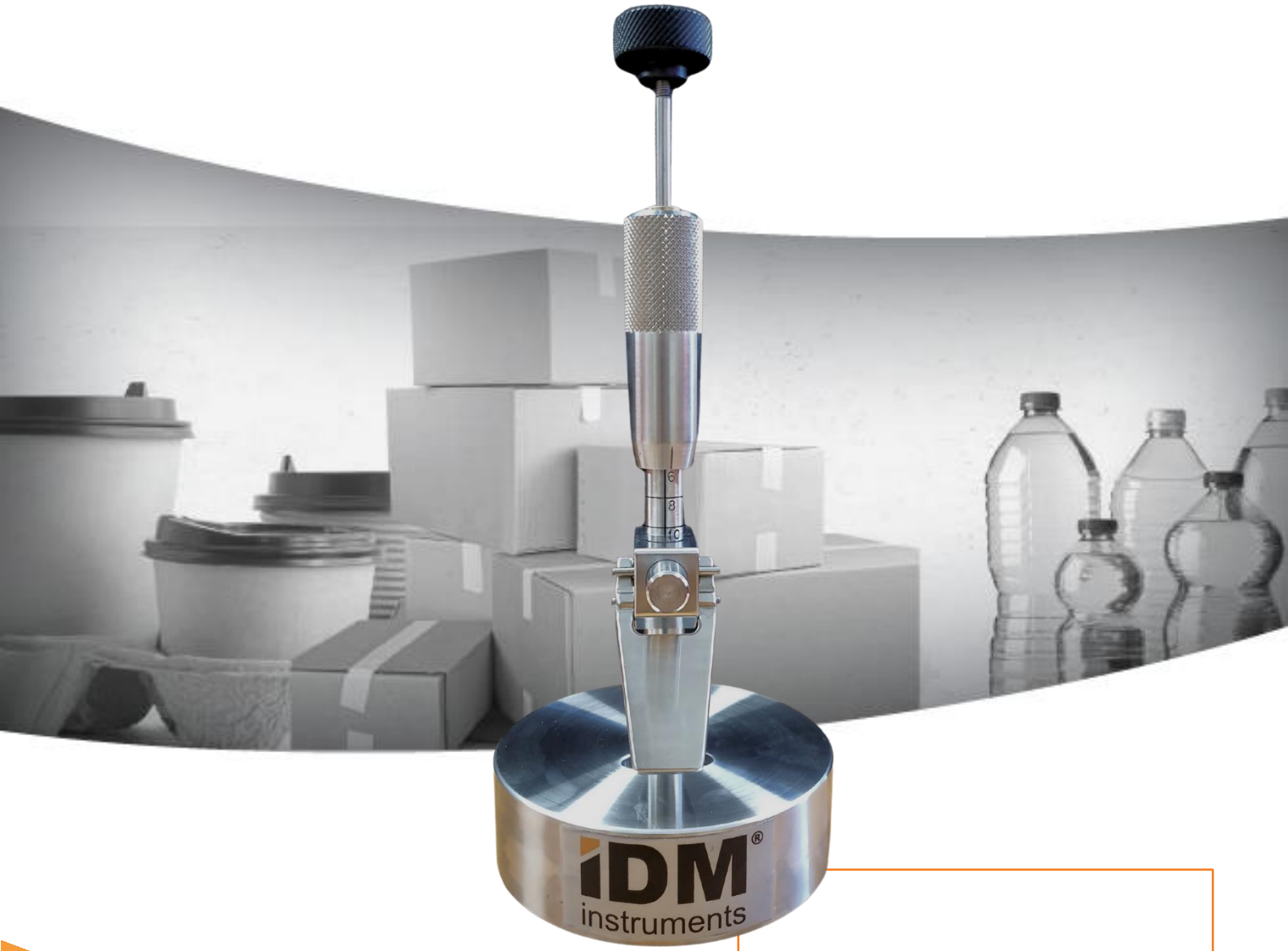
TESTING INSTRUMENTS FOR
A MEASURABLE DIFFERENCE...

IDM instruments

SMALL BALL IMPACT TESTER

MODELS: IDM-I0003-M1



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INTRODUCTION

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.

Bottom View

APPLICATIONS

- Laminates
- Floor Coverings

STANDARDS

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

FEATURES

- Newton-force scale
- Adjustable Spring Compression Force: 0 - 90N
- 100mm long Compression Spring
- Impact release lever
- Force-Setting Barrel
- Stainless Steel construction

DIMENSIONS

Instrument:

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

Packaged:

- H: 400 mm
- W: 400 mm
- D: 400 mm
- Weight: 6 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 by regular calibration, service and replacement of defective parts. Take to us about this today.

'RELATED ITEM

Use the Large Ball Impact Tester to measure the resistance of impact on surfaces using a large diameter ball.

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