Product name:	Product code:
Foam Resilience Ball Rebound Tester	CMI-IND-0508

Description

Ball rebound apparatus that drops a steel ball onto a foam specimen and reads the percentage rebound height. Foam manufacturers use it to grade resilience of polyurethane cushioning according to ASTM D3574 and ISO 8307.

Technical specification

- Steel ball set
- Specimen cutting template

A 16 mm steel ball is released from 500 mm through a vertical graduated tube onto the foam sample. The rebound height is read directly as a percentage of fall height. It is a simple, repeatable check of elasticity for seat and mattress foam.

Features

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- Transparent graduated tube with 0-100 percent scale
- Electromagnetic ball release for repeatable drop
- Levelling feet and spirit level on base
- Specimen holder for 100 mm thick samples
- Ball release height fixed at 500 mm

Technical Specifications

Test standards	ASTM D3574 Test H, ISO 8307, IS 7888
Steel ball	16 mm dia, 16.3 g
Drop height	500 mm
Scale	0-100 percent, 1 percent divisions
Specimen size	100 x 100 x 50 mm minimum
Release	Electromagnetic with push button
Base plate	Cast iron with levelling screws
Power supply	230 V AC, 50 Hz

Standard Accessories