Product name:	Product code:
Falling Weight Impact Tester for Coated Panels	CMI-IND-0565

Description

Gardner-type falling weight tester with a hemispherical indenter that drops a weight onto coated panels to measure direct and reverse impact resistance. Used by paint and powder coating plants for film toughness.

Technical specification

- Weights
- Indenters
- Die block

A 1 kg or 2 kg weight is dropped through a guide tube from a measured height onto an indenter resting on the coated panel. The highest height without cracking is recorded in inch-pounds or joules. The test shows how the coating resists impact and deformation.

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Features

- Guide tube 1000 mm with graduated scale
- Weights of 1 kg and 2 kg
- Indenters 12.7 mm hemispherical, optional 15.9 mm
- Die block with 15.9 mm hole
- Quick-release hold and release pin

Technical Specifications

Test standards	ASTM D2794, ISO 6272, IS 101
Drop height	0 to 1000 mm
Weights	1 kg and 2 kg
Max energy	20 J (approx. 160 in-lb)
Indenter	12.7 mm hemispherical, hardened steel
Panel size	100 x 150 mm minimum
Scale	mm and inch-lb
Base	Cast iron with levelling screws

Standard Accessories