Product name:	Product code:
Free Fall Drop Tester for Packaged Products 100 kg	CMI-IND-0075

Description

Drop tester with pneumatic release that drops packages and cartons from heights up to 2000 mm onto a steel impact plate. Used in packaging labs for simulating handling and transit drops.

Technical specification

- Drop height scale
- Edge and corner drop jigs
- Compressed air hose

A package is placed on a release platform, raised to the set height and dropped flat, on an edge or on a corner onto a rigid steel base. The test shows whether the packaging protects its contents during handling. The adjustable platform suits sizes up to 1000 x 800 mm.

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Features

- Height range 300 to 2000 mm with digital scale
- Pneumatic double-hinged release platform
- Flat, edge, corner drop modes
- Rigid 500 kg steel base plate
- Safety light curtain or guard rails

Technical Specifications

Maximum package mass	100 kg
Drop height	300 to 2000 mm, +/- 10 mm
Platform size	1000 x 800 mm
Impact base	Steel plate, 20 mm thick, 1200 x 1000 mm
Release	Pneumatic, simultaneous within 10 ms
Standards	ISO 2248, ASTM D5276, ASTM D4169, IS 7028
Power supply	230 V AC, 50 Hz, 0.75 kW

Standard Accessories