Product name:	Product code:
Horizontal Impact Tester for Shipping Cartons	CMI-IND-0076

Description

Pendulum-based horizontal impact tester that strikes the side of a loaded carton at a controlled velocity. Used to evaluate side wall and corner resistance in distribution trials.

Technical specification

- Accelerometer
- Carriage with clamps
- Digital angle gauge

A suspended carriage is released to strike a package against a rigid wall, and impact speed is set by the release height. The test shows whether carton walls, flaps and cushioning withstand side shocks. It complements drop and vibration testing in packaging validation.

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Features

- Pendulum release height 0 to 1.5 m
- Impact velocity up to 5.4 m/s
- Adjustable package fixture
- Shock pulse measurement with accelerometer
- Electromagnetic release

Technical Specifications

Package mass	Up to 100 kg
Impact velocity	0.5 to 5.4 m/s
Pendulum length	3 m
Release height	0 to 1500 mm
Shock pulse sensor	Piezo accelerometer, 500 g
Standards	ASTM D880, ISO 2244
Power supply	230 V AC, 50 Hz

Standard Accessories