Product name:	Product code:
Inclined Plane Impact Tester for Cartons	CMI-IND-0077

Description

Incline impact tester in which a loaded carrier slides down a sloped track and strikes a bulkhead to simulate rough handling and rail shunting. Used by shipping carton and container makers.

Technical specification

- Velocity measuring unit
- Winch
- Carriage stops

A carton or package sits on a carriage that rolls down an inclined rail and hits a fixed stop at a defined speed up to 2.5 m/s. The damage observed shows the carton's resistance to horizontal impacts. The slope and release distance are adjustable to reach the required impact velocity.

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Features

- Impact speed up to 2.5 m/s
- Adjustable release distance 0 to 3 m
- Heavy steel bulkhead with impact plate
- Carriage load capacity 200 kg
- Digital velocity measurement

Technical Specifications

Test load capacity	200 kg
Incline angle	10 deg fixed
Impact velocity	0.3 to 2.5 m/s
Carriage size	1100 x 1100 mm
Track length	4 m
Standards	ASTM D880, ISO 2244, ASTM D4169
Velocity sensor	Optical, resolution 0.01 m/s

Standard Accessories