Product name:	Product code:
Box Compression Tester 5000 kgf with Digital Controller	CMI-IND-0071

Description

Motorised platen compression tester that crushes cartons and boxes to measure top-to-bottom compression strength and deflection. Used in corrugated box plants and packaging labs for stacking performance.

Technical specification

- Load cell
- Safety guard
- PC software

The tester compresses a complete box between a fixed bottom platen and a moving upper platen at 12.7 mm per minute while load and deflection are logged. Peak load predicts how many cartons can safely be stacked in storage and transit. A digital controller provides peak hold, preload and test reports.

NAUGRA®
Civil Laboratory Equipment Manufacturers and Suppliers India Civil Lab Exportrs India
Email us at: export@civilmechanicalindia.com

Features

- Capacity 5000 kgf with 0.1 kgf resolution
- Platen 800 x 800 mm parallel within 0.5 mm
- Auto return and overload protection
- Fixed and variable speed tests
- Software with load-deflection curves

Technical Specifications

Capacity	5000 kgf (50 kN)
Accuracy	+/- 1 percent of reading
Platen size	800 x 800 mm
Test speed	12.7 +/- 2.5 mm/min
Maximum box height	800 mm
Standards	ISO 12048, ASTM D642, TAPPI T 804, IS 7028
Power supply	415 V, 3 phase, 50 Hz, 1.5 kW

Standard Accessories