Product name:	Product code:
Stacking Strength Static Load Tester for Cartons	CMI-IND-0080

Description

Pneumatic loading frame that applies a constant dead load to cartons or pallets for long periods to simulate warehouse stacking. Used in packaging labs for compression creep studies.

Technical specification

- LVDT sensor
- Data logger
- Alignment platen

A constant load is applied to a box or carton stack and the deformation is monitored over hours or days. The results show how fast cartons creep under sustained stacking loads, especially in humid warehouses. A load maintaining system holds the force steady despite deflection.

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Features

- Constant load up to 3000 kgf with servo valve
- Deflection recorded by LVDT every minute
- Timer up to 999 hours
- Platen 700 x 700 mm
- Fits environmental chamber

Technical Specifications

Load range	50 to 3000 kgf
Load accuracy	+/- 1 percent
Platen size	700 x 700 mm
Deflection range	0 to 100 mm
Deflection resolution	0.01 mm
Standards	ASTM D4577, ISO 12048, TAPPI T 804
Power supply	230 V AC, 50 Hz, compressed air 6 bar

Standard Accessories