Product name:	Product code:
Digital Bursting Strength Tester for Paperboard	CMI-IND-0106

Description

Hydraulic bursting tester for measuring the pressure at which a clamped paperboard specimen ruptures. Used by carton converters, board mills and packaging QC labs to grade board and verify supplier lots.

Technical specification

Dimensions	approx. 450 x 380 x 520 mm

Standard Accessories

- Spare diaphragm
- Hydraulic fluid
- Calibration gauge adapter

A diaphragm hydraulic system inflates a rubber membrane against the clamped board until it bursts, and the peak pressure is captured on a digital display. The high-range design handles duplex, solid bleached and kraft liner boards up to heavy grades. Clamp pressure is held constant to avoid slippage and give consistent results.

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

Features

- High range up to 1400 kPa for heavy boards
- Motorised hydraulic pump with fixed pressurising rate
- Pneumatic or hand-wheel clamping with constant clamp force
- Peak hold digital display in kPa and kgf/cm2
- Automatic reset of the diaphragm after burst

Technical Specifications

Measuring Range	70 - 1400 kPa
Resolution	1 kPa
Accuracy	+/- 1 % of full scale
Pump Rate	170 +/- 15 ml/min
Test Area	31.5 mm diameter
Clamping Force	Adjustable, up to 690 kPa equivalent
Standards	ISO 2758, ISO 2759, IS 1060, TAPPI T807
Display	Digital, peak hold
Power Supply	230 V AC, 50 Hz