Product name:	Product code:
Digital Board Stiffness Tester Taber Type	CMI-IND-0105

Description

Bench instrument that measures the bending stiffness of folding carton board and paperboard by deflecting a clamped specimen through a set angle. Used by mono carton converters and board mills for incoming board and run-to-run quality checks.

Technical specification

Display	LCD with peak hold
Power Supply	230 V AC, 50 Hz
Construction	Powder coated body, stainless steel clamps

Standard Accessories

- Range weight set
- Specimen cutter 38 mm
- Calibration standard strip

This Taber-type stiffness tester applies a controlled bending moment to a vertically clamped board strip and reads the resisting moment directly in gf.cm or mN.m. It helps carton plants confirm that board will hold shape on cutting, creasing and automatic packing lines. Results are repeatable between operators because deflection angle and clamp geometry are fixed.

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

Features

- Direct digital readout in gf.cm and mN.m with peak hold
- Motorised pendulum drive for uniform loading rate
- Interchangeable weights for low and high stiffness boards
- Precision specimen clamp with 0.5 mm spacing guide
- Auto-return and zeroing after each test

Technical Specifications

Test Method	Taber type, 15 deg deflection
Measuring Range	0 - 10,000 gf.cm in selectable ranges
Resolution	0.1 gf.cm
Accuracy	+/- 1 % of reading
Specimen Size	38 mm x 70 mm (width x length)
Specimen Thickness	Up to 5.5 mm
Standards	TAPPI T489, ISO 2493-2