Product name:	Product code:
MIT Folding Endurance Tester for Board	CMI-IND-0110

Description

Counts the number of double folds a board strip survives under a set tension before breaking. Used by carton converters to judge board flexibility and the durability of creased hinges and lids.

Technical specification

Standard Accessories

- Specimen cutter 15 mm
- Tension calibration weights

A strip of board is held under constant tension between two jaws, and an oscillating folding head flexes it through 135 degrees until it fails. The double-fold count is shown on a digital counter and stops automatically at rupture. High fold counts suggest long fibre content and good performance at hinged cartons and gift boxes.

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Features

- Automatic stop at specimen break
- Fold speed of 175 double folds per minute
- Spring tension system adjustable from 0.25 to 1.5 kgf
- Digital counter with reset
- Folding head with 0.38 mm hardened slot

Technical Specifications

Fold Angle	135 deg either side
Folding Speed	175 +/- 10 dpm
Tension Range	4.9 - 14.7 N
Counter Range	0 - 999,999 folds
Specimen Width	15 mm
Specimen Length	approx. 100 mm
Standards	ISO 5626, TAPPI T511
Power Supply	230 V AC, 50 Hz
Construction	Steel body, stainless steel folding head