Product name:	Product code:
180 Degree Peel Adhesion Tester for Labels	CMI-IND-0111

Description

Tensile-based tester that measures the force to peel a pressure sensitive label from a test panel at 180 degrees. Used by label converters and brand owners to qualify label stock on glass, PET and HDPE containers.

Technical specification

Standard Accessories

- Stainless steel test panels (5 pcs)
- Film clamp
- 2 kg pressure roller

A label strip is rolled onto a standard steel or substrate panel, left to dwell, then peeled at a fixed speed while a load cell logs the force. Peel values in N/25 mm allow adhesive grades and facestocks to be compared fairly. A motorised carriage keeps rate constant, removing operator influence.

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Features

- Load cell with peak and average peel force
- Constant speed 300 mm/min with adjustable range
- Panel clamp for 50 x 125 mm test panels
- Graph display with data export via USB
- Overload protection and limit switches

Technical Specifications

Load Capacity	50 N
Resolution	0.001 N
Accuracy	+/- 0.5 % of reading
Test Speed	50 - 500 mm/min
Peel Angle	180 deg
Peel Distance	up to 150 mm
Standards	FINAT FTM 1, PSTC-101, ASTM D3330 Method A
Display	Touch screen
Power Supply	230 V AC, 50 Hz