Product name:	Product code:
Hot Tack and Heat Seal Tester for Multilayer Films	CMI-IND-0137

Description

Measures the strength of heat seals while still hot, and the seal strength after cooling, across a range of seal temperatures. Used by film makers and packers to set sealing windows.

Technical specification

- Teflon sheet
- Sample cutter

A heated seal bar forms the seal, and a tensile pull follows after a short delay, so that the force on the hot seal is recorded before it cools. The resulting curve shows the temperature range in which the film will run on vertical form-fill-seal machines without leaking or tearing. The tester gives data for sealing layer selection.

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Features

- Dual heated jaws up to 250 deg C
- Programmable seal time, pressure and delay
- Hot tack force measurement
- Touch screen with curve plotting
- Auto sample strip clamp

Technical Specifications

Temperature Range	Ambient to 250 deg C
Temperature Accuracy	+/- 1 deg C
Seal Time	0.1 - 99 s
Seal Pressure	0.1 - 0.5 MPa
Delay Time	0.1 - 10 s
Sample Width	25 mm
Standards	ASTM F1921, ASTM F88 (reference)
Power Supply	230 V AC, 50 Hz

Standard Accessories