Product name:	Product code:
Coefficient of Friction Tester for Films and Laminates	CMI-IND-0131

Description

Sled-on-plane tester that measures static and kinetic friction of films against themselves or other surfaces. Used by converters to control slip additive performance for form fill seal lines.

Technical specification

- Sled with foam
- Calibration weights

A 200 g sled covered with the test film is pulled over a film-covered plane at 150 mm/min while the pulling force is recorded. The coefficient of friction is calculated from the force and sled mass. Slip values that are too high or low cause machine jams or poor stacking.

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Features

- Motorised drive at 150 mm/min
- Standard 200 g sled with foam base
- Precision load cell 5 N
- Static and kinetic COF displayed
- Optional temperature controlled plane

Technical Specifications

Sled Mass	200 +/- 2 g
Sled Area	63 x 63 mm
Test Speed	150 +/- 30 mm/min
Load Cell	5 N, accuracy 0.5 %
Plane Length	approx. 400 mm
Standards	ASTM D1894, ISO 8295, IS 7967
Power Supply	230 V AC, 50 Hz

Standard Accessories