Product name:	Product code:
Elmendorf Tear Tester for Plastic Films	CMI-IND-0134

Description

Pendulum instrument that measures tear propagation force of films and laminates after an initial slit. Used by extruders and converters to qualify films for easy-open and strong packs.

Technical specification

- Weight set
- Specimen template
- Calibration weights

A pre-cut specimen is held in two clamps and a swinging pendulum tears it through, with the energy consumed read from the scale or encoder. Machine and transverse direction values reveal orientation effects in blown and cast films. Different pendulum weights cover soft films up to stiff laminates.

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Features

- Interchangeable pendulum weights 200 - 6400 gf
- Digital angle encoder with direct force display
- Pneumatic clamps
- Standard slit knife for specimen preparation
- Safety interlock

Technical Specifications

Capacity	200 - 6400 gf with weight set
Resolution	0.1 gf
Tear Length	43 mm
Specimen Size	63 x 76 mm
Standards	ASTM D1922, ISO 6383-2, IS 7421
Accuracy	+/- 0.5 %
Power Supply	230 V AC, 50 Hz

Standard Accessories