

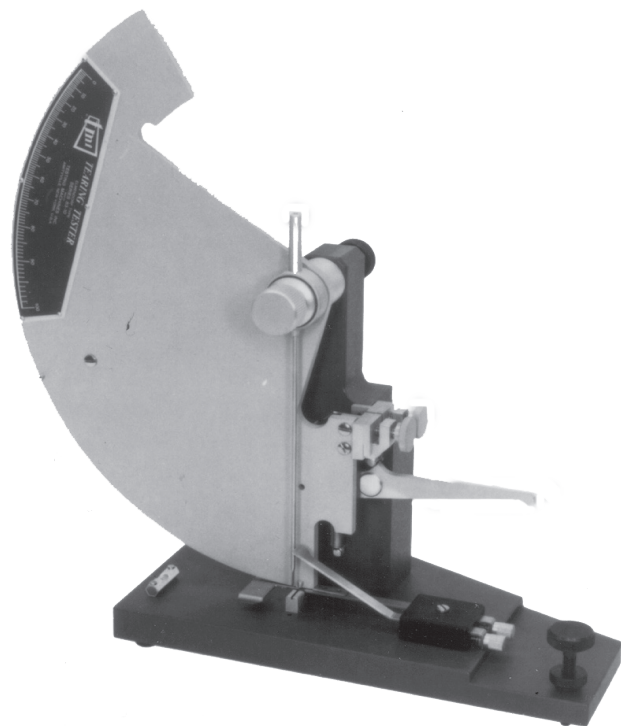
# ELMENDORF TEAR TESTER

## 83-10-00



### FEATURES

- Rugged design -solid steel base with 2-axis levelling
- Precision stainless steel bearings
- Easily interchangeable pendulums from 200g to 6400g available
- Extra light, low friction pointer
- Precision clamps
- Precision adjustments for pendulum and pointer stops
- Tabletop sample cutter included
- Meets TAPPI T-414, ASTM 01922, ISO 1974, as well as CPPA, APPITA, and SCAN standards.



### TEAR TESTING

The TMI Elmendorf Tear Tester is internationally recognized as a basic instrument for performing one of the most important tests in quality evaluation. It is used to measure tear resistance of many sheet materials, including: paper, board, textiles, non-wovens, films, foils, and coated materials.

The instrument provides reading accuracy of +/- 1% of the indicated reading when used with the standard 1600g pendulum. The interchangeable pendulums available are as follows:

### PENDULUMS

- 83-10-01 extra light 200 g 19.0 gcm
- 83-10-02 light 800 g 68.8 gcm
- 83-10-03 medium 1600 g 137.6 gcm
- 83-10-04 heavy 3200 g 275.2 gcm
- 83-10-05 extra heavy 6400 g 550.4 gcm

### APPLICATIONS:

Paper, Foil, Film, Textiles, Nonwovens

### SPECIFICATIONS

Model: 83-10-00  
Weight: 2.25 kg (10 lbs)  
Dimensions W x D x H: 35.6 cm x 24 cm x 30.4 cm  
(14 in x 9.5 in x 12 in)

### STANDARDS

Conforms to TAPPI T-414, ASTM D1922 ISO 1974, as well as CPPA, APPITA, and SCAN standards.

### OPTIONS

Precision calibration check weights (15 to 2130g), set of 7 weights.  
Pneumatic grips (requires min. 60 psi.)

### Other Models

Monitor/Tear™ Tester (TMI 83-11-00)

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[www.testingmachines.com](http://www.testingmachines.com)

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