

# Series ME Tear Testers, Elmendorf Type For Plastic Film, Sheet, and Paper

## Full-Featured Mechanical Tear Testers for Film and Paper

Advanced mechanical tear testers available with 800 gram, 1600 gram, 3200 gram, and 6400 gram pendulums. Oakland Instruments' ME Series Tear Tester answers your need for a simple to use, stand-alone, non-instrumented tester, for measuring tear resistance of film, paper, sheet, laminated materials, and converted products.

## Improved Film and Sheet Quality, Increased Profit Margins

The ME Series Elmendorf Tear Tester is a proven tool for more closely controlling tear characteristics to speed your:

- Production and additives settings and adjustments.
- Research and development of new film and sheet products.
- Inspection of incoming film and sheet products.
- In-process checks to ensure on-spec product for converting operations.

## Meets ASTM & TAPPI

Meets specifications of ASTM D 1922 and TAPPI T-414 plus applicable International Standards for Propagation Tear Resistance Testing of Plastic Film and Sheeting.

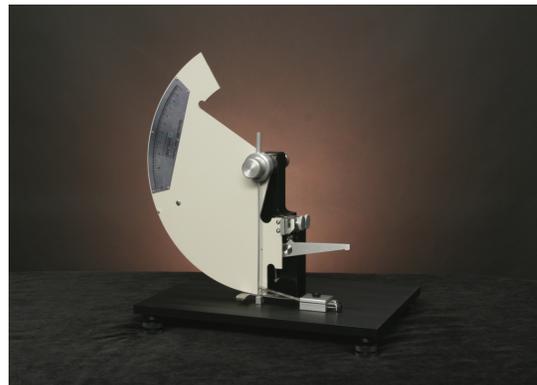
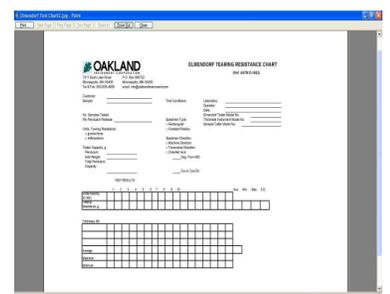
## Advanced Technical Features and Accessories

### Calibration Certificates for Pendulums

Each tear tester Pendulum is serialized and certified to assure conformance to your ISO and other standards for quality control.

### Accessories Available

Interchangeable pendulums for testing a wide range of materials with a single tester, calibration weights for single point calibration verification, integrated cutting mechanisms for high volume testing applications. Each system includes sample Data Sheets, conforming to ASTM D-1922 reporting requirements, in Microsoft Excel™ format. Sample Cutters, Cutting Templates, and Thickness Micrometer Systems are also available to provide a complete testing



*The Model ME-800 Elmendorf Tear Tester with Manual Sample Clamps and Integral Sample Cutting Knife Mechanism*

### Oakland Instrument Corp.

Oakland Instrument Corp. specializes in the design, manufacture and distribution of test, measurement and control systems for the plastics, packaging, and paper industries.

### Customer-Driven

We team with our customers to help them solve their quality- and process-control problems.

### Technology-Based

Our applications knowledge and engineering depth allow us to offer both standard and custom systems based on industry-leading technology.

## Specifications

	<u>Model ME-800</u>	<u>Model ME-1600</u>	<u>Model ME-3200</u>	<u>Model ME-6400</u>
Mode of Operation:	Off-line testing / lab use			
Materials:	All sheet materials	All sheet materials	All sheet materials	All sheet materials
Measurement Capacity: (One Pendulum Included)	800 gram	1600 gram	3200 gram	6400 gram
Additional Pendulums: (Available as Option)		800 gram	1600 gram 800 gram	3200 gram 1600 gram 800 gram
Sample Grip Style: (Two Grips Included)	Manual / Mechanical	Manual / Mechanical	Manual / Mechanical	Manual / Mechanical
Additional Grips: (Available as Option)		Available	Available	Available
Integral Sample Cutting Knife:	Optional	Optional	Optional	Optional
Power Requirements:	N/A	N/A	N/A	N/A
Dimensions (W x D x H) (Instrument Only)	18 x 13 x 20 inch (45 x 33 x 50 cm)	18 x 13 x 20 inch (45 x 33 x 50 cm)	18 x 13 x 20 inch (45 x 33 x 50 cm)	18 x 13 x 20 inch (45 x 33 x 50 cm)
Dimensions (W x D x H) (Shipping)	20 x 16 x 14 inch (50 x 40 x 35 cm)	20 x 16 x 14 inch (50 x 40 x 35 cm)	20 x 16 x 14 inch (50 x 40 x 35 cm)	20 x 16 x 14 inch (50 x 40 x 35 cm)
Weight (Instrument Only)	35 lb (16 kg)	38 lb (17 kg)	40 lb (18 kg)	42 lb (19 kg)
Weight (Shipping)	40 lb (19 kg)	44 lb (20 kg)	46 lb (21 kg)	48 lb (22 kg)

(Due to continuous product improvement, all specifications are subject to change without notice.)

## Ordering Information

BROME800-0109  
Oakland Instrument Corp.  
7405 Bush Lake Road  
Minneapolis, Minnesota 55439 USA  
Tel & Fax (952) 835-4935  
Email: [sales@oaklandinstrument.com](mailto:sales@oaklandinstrument.com)  
WEB: [www.oaklandinstrument.com](http://www.oaklandinstrument.com)