

Model FX-7000 SA Slide Angle Friction Tester

Full-Featured Friction Testers for Film and Sheet Materials



Model FX-7000-SA Slide Angle Friction Tester.

In the past, film and sheet producers and converters have had the choice of off-line friction testers which are manually operated stand-alone machines, or expensive computer-operated machines. Now you can have both in a single instrument. Oakland Instrument offers the Series 7000-SA COF Tester product family, a simple to use analog-based slide angle friction tester, for simple scale-based display and computation of static friction data. Designed for the converting and paper manufacturing industries, this tester is rugged, easy-to-use, and cost-effective.

Improved Film Quality, Increased Profit Margins

The Series 7000-SA Friction Tester is a proven tool for more closely controlling peak friction to speed up your:

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

The Oakland Advantage

Conforms to ASTM & TAPPI Standards

Conforms to specifications of ASTM D202 Testing Untreated Paper – Part 92 by Inclined Plane Method, ASTM D1894 Standard Test Method for Static Coefficients of Friction of Plastic Film and TAPPI T-815 Coefficient of Static Friction (slide angle) of Packaging and Packaging Materials (inclined plane method).

Advanced Technical Features in Each Model

- Fixed table incline rate.
- Cutting templates available to reduce sample preparation times.
- Calibration tools available for in-house system calibration.

Oakland Instrument Corp.

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

Model FX-7000-SA

Mode of operation:	Off line testing / lab use Analog slide angle (scale based / pointer measurement)
Materials:	All sheet materials
Measurement Range:	
Angle	0 – 45 degrees
Static COF	0 – 1.00
Resolution Range:	
Angle	0.5 degrees
Static COF	0.01
Sled Weight: Standard	200 grams
Options:	235, 500, 750, 1250, 1300 grams
Power Requirements:	110 / 220 VAC 50Hz / 60Hz
Dimensions (H x W x D):	18 cm (7 in) x 51 cm (20 in) x 20 cm (8 in) (Inclined table in starting position)
Weight:	
Instrument	7.3 kg (16 lb)
Packaged for shipping	9.5 kg (21 lb)
Serial Data Communications:	None
Analog Output:	None

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

Options and Accessories

- Optional 235 g, 500 g, 750 g, 1260 g, 1300 g Sliding Blocks for materials including shipping sacks, fiberboard, electrical insulation paper, printed paper, corrugated.
- Standard or custom systems designed to meet specific customer needs.

Ordering Information



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