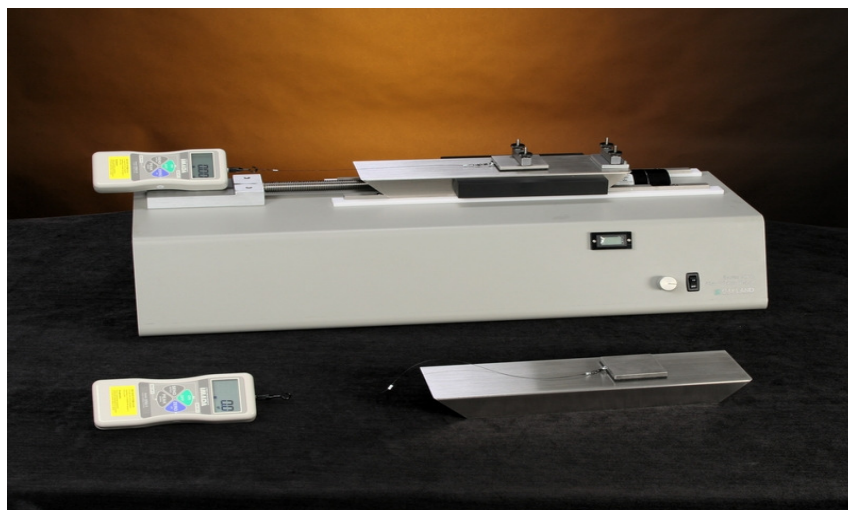


Model FX-7100-VSC Variable Speed Coefficient of Friction, Peel & Seal Tester

Full-Featured Friction Testers for Film and Sheet Materials



The Model FX-7100-VSC Film Coefficient of Friction, Peel & Seal 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 Model FX-7000-VSC, a simple to use variable-speed digital-based tester with optional software for automatic calculation and graphical display of friction, peel and seal test data.

Oakland Instrument

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.

Improved Film Quality, Increased Profit Margins

The Series 7000 Friction Tester is a proven tool for more closely controlling nominal and peak friction to speed your:

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

The Oakland Advantage

Meets ASTM & TAPPI

Meets specifications of ASTM D1894 Standard Test Method for Static and Kinetic Coefficients of Friction of Plastic Film and TAPPI T-549 Coefficients of Static and Kinetic Friction of Uncoated Writing and Printing Paper by Use of the Horizontal Plane Method.

Advanced Technical Features in Each Model

Variable sled speed of 1 - 20 inches per minute.
Cutting templates available to reduce sample preparation times.
Digital version can be run in Digital/Manual or Digital/Software mode.

Specifications

Model FX-7100-VSC

Mode of operation:	Off-line testing / lab use Digital force measurement
Materials:	All sheet materials
Measurement Range:	0 - 200 gram (8 oz) & 0 - 11 lb (5 kg) Force Gauges Included other ranges available
Console Force Capacity:	22 lb (10 kg) with weighted Peel, Seal Table Installed
Accuracy:	+/- 0.15% Full Scale +/- 1 Least significant count
Resolution:	0.1 gram (0.005 oz) for 0 - 200 g Force Gauge 0.001 kgf (0.01 lbs) for 5 kg Force Gauge
Speed Range	1 - 20 ipm
Single / Reversible Direction	Single Direction, Moveable Table to Reset
Test Travel, Table	10 inches, 2 Tables Provided One for Standard COF Testing One for Peel, Seal, low-force Tensile Testing w/ Mechanical Grips
Additional Force Gauges	500 gr, 2 kg, 20 kg (200 gr and 5 kg Force Gauges included with system)
Manual Mechanical Grips	Included
Power Requirements:	115 VAC, 60 Hz, or consult factory for special requirements
Dimensions (HxWxD):	9 in (23 cm) x 32 in (81 cm) x 12 in (31 cm)
Weight:	38 lb (17 kg)
Sample Rate:	5000 / sec.
Serial Data Communications:	RS-232
Analog Output:	0 to + 2.0 Vdc

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

Options and Accessories

Computer system and Model FX-7200 Quality Control Software for statistical and graphical analysis of friction data

Standard or custom systems designed to meet specific customer needs

Ordering Information

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