

Series DX-8000 Dart Impact Testers

Full-Featured Dart Drop Impact Testers for Film and Sheet

Oakland Instrument offers the Series DX-8000, a simple to use stand-alone, non-instrumented tester, for measuring impact resistance of film, sheet, and laminated materials.

Improved Film and Sheet Quality, Increased Profit Margins

The Series 8000 Dart Impact Tester is a proven tool for more closely controlling nominal and peak strength 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

The Oakland Advantage

Meets ASTM

Meets specifications of ASTM D1709 Methods A & B Standard Test Method for Free Falling Dart Impact Testing of Plastic Film.

Advanced Technical Features in Each Model

Easy, Manual or Pneumatic-assisted Operation

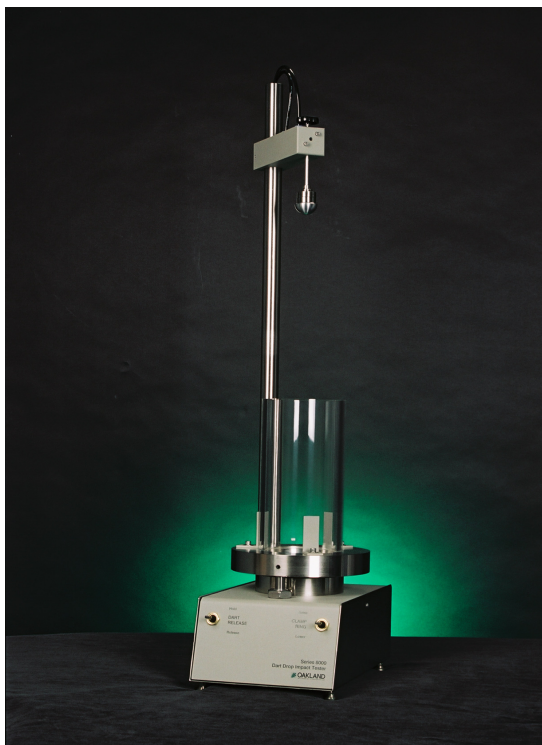
Two versions of operation available: Operate as a manual system or with pneumatic-assist for dart release and film/sheet sample clamping. Pneumatic clamping and dart release is useful for laboratories with higher volume sampling requirements.

Expandable; Flexible Operation for Method A & B Testing

Portable and expandable with models for Method A testing, or Method A & B combination testing. Extensions and custom dart stems & weights available for testing to your in-house developed requirements.

Affordable

Best of all, the series 8000 is economically priced.



The Model DX-8285A Dart Impact Tester with Pneumatic Sample Clamp and Pneumatic Dart Release Mechanism

Oakland Instrument Corp.

Oakland Instrument Corp. specializes in the design, manufacture and distribution of test, measurement and control systems for the plastics, packaging, rubber 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 DX-8165A</u>	<u>Model DX-8285A</u>	<u>Model DX-8165AB</u>	<u>Model DX-8285AB</u>
Mode of operation:	Off-line testing / lab use	Off-line testing / lab use	Off-line testing / lab use	Off-line testing / lab use
Materials:	All sheet materials	All sheet materials	All sheet materials	All sheet materials
Test Method Drop Height:	Method A 26 inch (66 cm)	Method A 26 inch (66 cm)	Methods A & B 26 inch (66 cm) and 60 inch (152 cm)	Methods A & B 26 inch (66 cm) and 60 inch (152 cm)
Dart Release Mechanism:	Manual - Thumb Screw	Pneumatic	Manual - Thumb Screw	Pneumatic
Sample Clamp Mechanism:	Manual - Toggle Clamp	Pneumatic	Manual - Toggle Clamp	Pneumatic
Dart Sets Included:	Method A: (412 gram) (2) 120 gr. (1) 60 gr. (1) 30 gr. (2) 15 gr. (2) 5 gr.	Method A: (412 gram) (2) 120 gr. (1) 60 gr. (1) 30 gr. (2) 15 gr. (2) 5 gr.	Method A: (412 gram) (2) 120 gr. (1) 60 gr. (1) 30 gr. (2) 15 gr. (2) 5 gr. Method B: (1310 gram) (2) 320 gr. (1) 160 gr. (1) 80 gr. (2) 40 gr. (2) 15 gr.	Method A: (412 gram) (2) 120 gr. (1) 60 gr. (1) 30 gr. (2) 15 gr. (2) 5 gr. Method B: (1310 gram) (2) 320 gr. (1) 160 gr. (1) 80 gr. (2) 40 gr. (2) 15 gr.
Optional Weights ASTM D1709 Suggested:	Method A: (8) 60 gr. (8) 30 gr. (8) 15 gr. (2) 5 gr.	Method A: (8) 60 gr. (8) 30 gr. (8) 15 gr. (2) 5 gr.	Method A: (8) 60 gr. (8) 30 gr. (8) 15 gr. (2) 5 gr. Method B: (8) 90 gr. (8) 45 gr. (2) 15 gr.	Method A: (8) 60 gr. (8) 30 gr. (8) 15 gr. (2) 5 gr. Method B: (8) 90 gr. (8) 45 gr. (2) 15 gr.
Dart Head Material Provided:	Phenolic	Phenolic	Phenolic (Method A) Stainless (Method B)	Phenolic (Method A) Stainless (Method B)
Air Requirements:	None	60 psi Dry & Filtered	None	60 psi Dry & Filtered
Power Requirements:	None	None	None	None
Overall Height:	48 inch	48 inch	80 inch	80 inch
Weight:	55 lb	55 lb	65 lb	65 lb

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

Ordering Information

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