Product name:	Product code:
Falling Dart Impact Tester for Plastic Films	CMI-IND-0135



Description

Drops a dart from a fixed height onto a clamped film to find the mass that causes 50 % failure. Used by film producers and converters for impact toughness of mono and multilayer films.

Technical specification

Standards	ASTM D1709, ISO 7765-1
Power Supply	230 V AC, 50 Hz
Air Supply	5 - 7 bar

Standard Accessories

- Dart weight set
- Dart head
- Air tube

Film is clamped under a hemispherical dart and the load is increased or decreased according to the staircase method until half of the specimens break. The result in grams indicates how well a film resists puncture during filling, handling and transport. A pneumatic dart release provides a repeatable drop.

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Features

- Pneumatic clamp and electromagnetic dart release
- Drop height 0.66 m, Method A
- Dart weights 10 g - 2000 g
- Hemispherical aluminium or stainless dart
- Light safety guard

Technical Specifications

Drop Height	0.66 +/- 0.01 m (Method A)
Dart Diameter	38.1 mm
Weights	Set from 10 g to 2000 g
Clamp Diameter	127 mm