

QC-633A Drop Dart Tester

Standard

ASTM D1709 GB-9639

Description

This tester conforms to test standard of method A and method B. The plastic film is clamped pneumatically on a round specimen holder (dia. 127mm) in an instant. The impact head used in method A is dia. 38.1mm and in method B is dia. 50.8mm. The dart is fixed top the machine. After a desired dart is selected and height is adjusted, release the dart with the electronic magnet. Film's resistance to impact can thus be tested. Generally, 1 specimen is tested at a time and after 20 tests, record height and dart weight under broken and unbroken conditions for every test. This serves as a reference for the film's resistance to impact.

Applied Industry

Plastic film, Packaging

Appearance



Specification

Specimen clamping	Pneumatic (Air pressure 70 - 80 psi)
Dart dropping method	A. Electronic magnet (to reduce vibration) B. Manual release
Specimen holder	127 mm
Impact head's diameter	Ø38.1 mm (Fiber-reinforced plastic) Ø50.8 mm (Stainless steel)
Dart's stick material	Stainless steel
Height range	300 - 1750 mm (Adjustable)
Weights	5g x 10, 15g x 10, 30g x 8, 45g x 8, 60g x 8, 90g x 8, 120g x 8, 180g x 3
Dimension	43 x 56 x 218 cm
Weight	45 kg
Power Supply	AC 100 - 240V

Related Products

PY-G010 Puncture Gip ASTM F1306

GR-H010 Small Pneumatic Plane Grips ASTM D882

GR-B210 Friction grip ASTM D1894

SM Thickness Gauge

*Cometech reserves ultimate modification right of product specification.



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