



Puncture Tester for Films

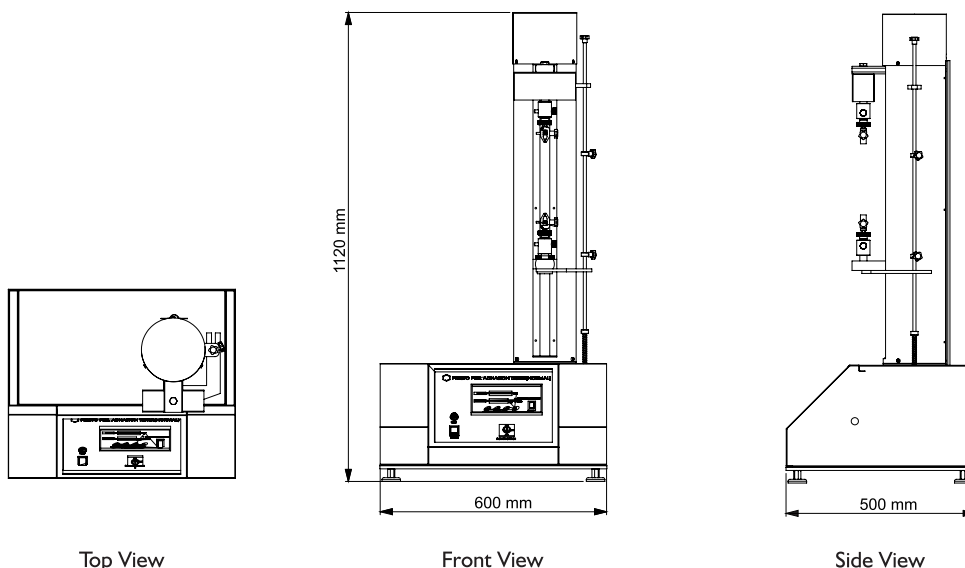


Model No. PPF - 0165

Puncture Tester for Film is a vital part of the quality of thin, flexible materials in which any sharp-edged item pointed downward will not break past the barrier of a film or laminate. ASTM F1306 is a specification regarding the slow rate penetration resistance properties of flexible barrier films and laminates.

- Microprocessor based display for accurate test results
- Display for Puncture strength of test specimen
- Highly accurate test results under compression force.
- Strong gripping clamps to perform Puncture test at 90°.
- Bright LED display
- Inbuilt calibration facility
- Feather touch controls

Continue the test at a constant rate of crosshead movement according to the specification and continue until the sample ruptures.





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Penetration resistance is an important end-use performance of thin flexible materials where a sharp-edged product can destroy the integrity of a barrier wrap. This will permit package entry/exit of gases, odors, and unwanted contaminants, causing potential harm to the product and reducing shelf-life.

Key Specifications:

Load Cell	20 Kgf
Display	LED (Digital) 7 segment
Accuracy	± 2% at full load (with master load)
Least Count/Resolution	0.020 Kgf
Power	220V , Single phase, 50 Hz
Test Speed	30 - 300 mm/min ± 5% (Variable type)
Memory	After perform the test max. value save in memory
Sample size	76 mm x 76 mm
Sample test fixture	34.9 mm Diameter (1.375 in)
Hemispherical Penetration Probe	1.6 mm Spherical Radius

Capacities Available

Capacities (Kg.)	Least Count
5	5 gm
10	5 gm
20	20 gm
50	30 gm
100	50 gm

Highlights:

Safety Switch	Yes
Material	Mild Steel
Finish	Powder coated Havel Gray & Blue combination finish and bright chrome / zinc plating for corrosion resistant finish
Dimensions	600x500x1120 mm

The brittle elastic fracture of a flexible sheet material under Puncture by a driven probe.

Optional Features :

- Puncture Tester Digital cum computerized models also available.

Thank you customers for choosing us as your partners in growth !



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