

FABRIC THICKNESS TESTER™

INTRODUCTION

Determination of thickness of fabric samples in laboratory is usually carried out with the help of a precision thickness gauge. In this equipment, the fabric whose thickness is to be determined is kept on a flat anvil and a circular pressure foot is pressed on to it from the top under a standard fixed load. The Dial Indicator directly gives the Thickness in mm.

EQUIPMENT

Paramount **Fabric Thickness Tester™** main body is completely made of mild steel. Dial for measuring the thickness is mounted on top. Specially designed stainless steel anvil is provided to keep the sample to be tested. Two different size of pressure foot are provided for testing different types of fabrics. A standard load is mounted on the dial to give standard pressure on the sample being tested. The equipment is meticulously finished in blue metallic paint.

SALIENT FEATURES

- Specialized equipment to determine the thickness of fabrics.
- Latest model with modern aesthetics.
- Maximum capacity 10mm & accuracy 0. 01mm.
- Portable & handy to carry anywhere.
- Smooth precision-engineered components for accurate results.
- Analog dial for measuring thickness in millimeters.
- Supplied with two pressure feet of different size for different type of fabrics.
- A standard Dead weight is provided with the instruments for accurate result.
- Supplied with calibration & inspection certificates.

Fabric Thickness Tester™ is supplied complete with below accessories.

Main Unit (With 10 mm Pressure Foot Fitted)	: 01 No.
Pressure Foot (Dia. 25 mm)	: 01 No.
Pressure Foot (Dia. 10 mm)	: 01 No.
Allen Key - 2 mm (For Calibration)	: 01 No.
This User's Manual	: 01 No.
Inspection & Conformance Certificate	: 01 No.
Calibration Certificate (Traceable to NPL)	: 01 No.



TECHNICAL DETAILS

Range of measurement	: 0 - 10 mm
Least count of dial gauge	: 0.01 mm
Diameter of anvil	: 60 mm
Diameter of pressure foot (Interchangeable)	: 10 mm & 25 mm
Load on pressure foot	: 78.5 g (100g/sq. cm)
Throat depth	: 22 mm
Overall Dimensions of the Instrument	: 115 (L) x 185 (W) x 180 (H) mm 4.5" (L) x 7.5" (W) x 7" (H) Inch
Net Weight of the Instrument	: 1.9 Kg. (4.18 lbs)

RELATED STANDARDS

- ASTM D 1777 – 96
- ASTM D 5729 – 97
- ISO 3616/5084/9073