

FABRIC EXTENSIOMETER™

INTRODUCTION

PARAMOUNT FABRIC EXTENSIOMETER™ is used to determine the stretch & recovery of the fabric in case of both woven & knitted fabrics. A very useful Equipment to evaluate the Stretch & Recovery of woven, Knitted / Elastic or Lycra Fabric. It gives the percentage of stretch directly. The fabric can be loaded with weight from 1 to 5 Kg. The dead weights 2 Kg. (2 Nos.) and 1 Kg. (1 No.) are provided with the Extensiometer to load the fabric.

EQUIPMENT

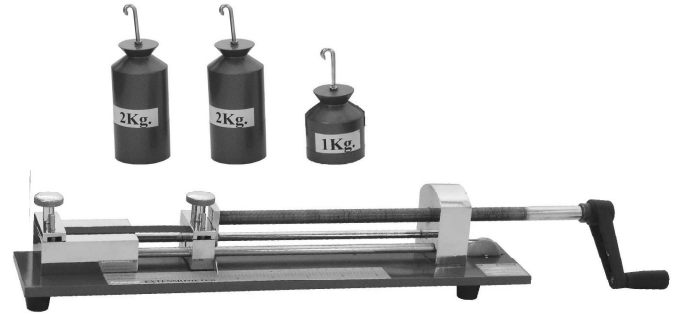
PARAMOUNT FABRIC EXTENSIOMETER™ is made of Stainless Steel except the base and scale. This instrument is used to determine the stretch & recovery of textile fabrics. The apparatus consist of one fixed jaw & a moving jaw for fabric clamping, loading device and fine lead screw. The unit has an arrangement to provide tension by applying the load with a constant rate of extension. The Tightening Knobs (SS) are provided to clamp the sample in the jaws without slippage. The specially designed scale graduated in two scales, 0-50% & 0-300% for showing the stretch % for woven & knitted fabrics respectively is provided.

SALIENT FEATURES

- Specially developed equipment to evaluate stretch or extension of woven & knitted fabrics.
- Stretch or extension percentage can be directly evaluated from the scale.
- Two Scale graduated, 0-50% for woven fabrics & 0-300% for knitted fabrics.
- Stainless steel knobs for tightening the jaws for holding samples.
- Smooth, precision-engineered components for exceptional performance.
- Complete withal accessories-two dead weight 2kg & one dead weight 1kg.
- Supplied with calibration & inspection certificates.

Fabric Extensiometer™ is supplied complete with below accessories.

Main Unit	: 01 No.
Dead Weight (1 Kg)	: 01 No.
Dead Weight (2 Kg.)	: 02 Nos.
This User's Manual	: 01 No.
Calibration & Inspection Conformance Certificate	: 01 No.



TECHNICAL DETAILS

Clamping width of Jaw	: 10 mm
Size of Specimen Woven	: 220 (L) x 70 mm (W)
Size of Specimen Knitted	: 95 (L) x 70 mm (W)
Scale Reading Woven Fabric	: 0 – 50 %
Scale Reading Knitted	: 0 – 300 %
Dead Weight	: 2 Kg. (2 Nos.) 1 Kg. (1 No.)
Overall Dimensions of the Instrument	: 650 (L) x 130 (W) x 165 mm (H) 25.5" (L) x 5" (W) x 6.5" Inch. (H)
Weight	: 11.5Kgs (25.20lbs)

RELATED STANDARDS

BS 4294