

TENSILE STRENGTH TESTER
(Microprocessor Based with Horizontal Model)
CATALOGUE NO.: GEC-P40110-C

Tensile Strength Tester determines the Tensile Strength, Stretch, Tensile Energy Absorption and Tensile Stiffness at break of the Paper, Paperboard, Films, Foils, Rubber, Textiles, Polyesters Yarn plastics etc.

The Tensile Tester is a bench mounted, Microprocessor based, machine to determine force per unit width required to break a specimen (tensile strength) and the percentage elongation at break point (elongation).



Measuring Unit: Breaking force in Kgf, Lbf and N.

APPLICABLE STANDARDS :

**TAPPI T- 404, T- 494, IS 4006 (part II) 1972,
ISO 1924/2, SCAN P 38, BS 4415, CPPA D 34**

Salient Features:

- Imported Load Cell & DC Drive.
- User-friendly software guides the operators through all steps of program selection, parameter modification and sample test to minimize to human error during test to provide rapid and efficient determination of values.
- Complete with memory for retaining peak value, automatic or normal zero setting.
- Single push button operation activates an automatic test cycle determining rapidly tensile strength and elongation etc.
- Overload protection, Auto Calibration & Digital display.
- Changeable peak detection level for different test.
- Available in measuring range of 1 gm to 1000 kgf.
- Accuracy $\pm 1\%$ of measured value.
- Equipped with high friction clamps, which prevent test pieces from slipping.

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