

AU - 1005 A TENSILE STRENGTH TESTER (Electro-Mechanical)



This instrument measures the maximum tensile force the test piece will stand before it breaks and the elongation at the moment of rupture. It is used for determining the **tensile strength and stretch at break of the paper, board, metal foil, textile and plastics**. Electro-Mechanical (Motorized Schopper Type) is a reliable and cost effective model for providing the determination of tensile strength and stretch of paper, paperboard and other similar material. Pulling rate is regulated through DC variable speed drive during the test through a calibrated potentiometer.

Load Ranges :
0-30 Kg. Or 300 N.
0-60 Kg. Or 600 N.

SPECIFICATIONS

Measuring Range with	: 0-30 Kg. / 300 N with two range.
Load Scale graduation	: 0-5 Kg, 0-30 Kg.
In dual range	: 0-60 Kg. / 600 N with two range 0-10 Kg., 0-60 Kg.
Elongation scale	: 0-100 mm and 0-50% at 180 mm.
Pulling Speed infinitely adjustable	: 5 to 250 mm/min
Adjustable clamping lengths:	: 0, 10, 50, 100, 180 and 200 mm.
Stroke	: 200 mm
Width of specimen	: 15 mm width non slip grip clamp for paper

The tester has a scale and a device for reading the stretch of the test piece. The scale is graduated in percent of test span of 180 mm with a accuracy 0.1 percent.

The pendulum

is provided with interchangeable dead weight for the selection of measuring scale.

Pulling rate is regulated through DC variable speed motor during the test through a calibrated potentiometer.

Power supply	: 220V, 1-Phase 50 Hz
Applicable Standards	: TAPPI 481 SCAN P-16 ISO 1924

EXTRA OPTIONS:

- i. Non-standard clamps
- ii. Zero span jaw for fibre orientation/Bonding test.
- iii. Finch device for wet tensile test.
- iv. Precision test strip cutter for cutting width 15 mm.
- v. Calibrated check weights

	Shipping Data	Ordering Data
	Net Weight	Model No.
	Gross weight	Voltage
	Dimension	Frequency

Changes:

UEC products undergo continuous development. The technical data in this catalogue are therefore subject to change

