

TENSILE STRENGTH TESTER



Digital Tensile Strength Tester is a state of the art, highly versatile equipments for checking the breaking strength of packaging related raw materials and finished products. it is based on the principle of constant rate of traverse.

Features :

- Microprocessor based LCD display for accurate test results $\pm 1 \%$
- After completion the test auto home return (only in Digital Version)
- Memory for retaining peak value automatically
- Start operation with Feather touch controls
- Structure : Single column lead screw low friction with Capacity : 250 Kg
- Maximum travel length : 750 mm grip to grip.
- Safety Limit Switches for Over Travel Protection.
- In built Internal Load Calibration option.
- Optional :
 - Wintest latest version 2.0 with two way communication software with digital indicator
 - Advanced load sensor sensing through advanced electronics.
 - Graph of Force Vs Elongation
 - Easy Data Management. User can create product identification, Sample ID, Shape of specimen, company name, operator details etc.
 - Auto Cut off Facility After completion the test
 - AC Speed drive as optional accessory (Variable Test Speed)
 - Specially designed gripping jaws for holding fragile samples.

Reliable and user friendly software in various industries like rubber, plastic, automotive, polymers, textiles, R&D labs production, material testing. A comprehensive Universal testing machine, 4B Testing Equipments Tensile machine is a one solution for studying tensile properties of various productions.

Key Specifications:

Display	Digital LCD Display
Power	220V , Single / Three phase, 50 Hz
Accuracy	± 1% at full range (with master load)
Speed	100 mm/min and 200 mm/min (Changeable through Belt & Pulley mechanism)
Grip to Grip Separation	Min 25mm and Max. 700mm (applicable only with vice type standard grip)

Highlights:

Safety	Yes (Limit Switches)
Grippers (optional added based on requirement)	- Vice Type (Standard grippers) - Wedge Type - Roll Type
Material	Mild Steel
Finish	Powder coated Gray & Blue combination finish and bright chrome / zincplating for corrosion resistant finish

Optional :

Grippers for different test material also available.



Self Tighting grip Wedge Type grip Vice Type grip Compression Plate Flexural Roller Type Grip

Optional Features:

- Specially designed gripper jaws for holding fragile samples.
- Other capacity available as per requirement.
- Wintest one way communication software.
- Graph of Force vs Elongation
- Easy Data management. User can create product Identification, Sample ID, Shape of Specimen, Company Name, operator details etc.
- Over Travel Auto cut off facility.
- AC Speed drive as an optional accessory (Variable Test Speed)

Capacities Available

Capacities (Kg.)	Least Count
5	1gm
10	1gm
20	2gm
50	5gm
100	10gm
250	50gm
500	50gm
1000	100gm
2500	200gm
5000	1000gm
10000	2000gm

* Applicable with NITRO LCD display only

					
Izod / Charpy Tester	Gloss Meter Triangle	Carbon Black Content	Moisture Analyzer	Wall Thickness Gauge	Xenon Lamp Aging

Contact us:

4B TESTING EQUIPMENTS PVT LTD

1003, 10th Floor Tower - 3, RPS 12th Avenue Sector - 27C, Faridabad - 121003, Haryana

www.4bequipments.com | info@4bequipments.com

Mobile : 9813744722, 9555159647, 8816865099