

Tensile strength tester Digital

Tensile Strength Tester is one of the most used instruments in the packaging industry. The Tensile Strength Tester helps in calculating the tensile force which acts on the specimen. During the test the specimen is placed between the clamps. The clamps are then separated automatically. Due to the separation, force applied on the specimen leads to destruction. The Testronix Tensile Strength instrument hence records the peak value at which the destruction took place and displays it on the digital display. This instrument offers highly accurate values to the users. This makes the instrument user friendly and adaptable.

Various standards are adhered to which are as follows: ASTM D412, ASTM D429-73, ASTM D624, ASTM D638-01, ASTM D76, IS 13360-5-7, IS-3400



Product Specification

Specifications-

- Accuracy – $\pm 2\%$ of Load Cell Capacity
- Travel length of the grips – 25mm – 700mm.
- Motor – 1/5 HP, – 1440 rpm, 1 phase power supply.
- Grip to grip separation: Min 25mm and max 700mm
- Capacities available

Capacity (Kgf) Least Count	
1000	500gm
2,500	1kg
5,000	2kg
10,000	5kg

- Types of grips (optional and additional)
 - Flexural
 - Compression
 - Plate Wedge Type
 - Roller Type
 - Vice grips

Product Features

- Advanced load sensor sensing through advanced electronics.
- Highly sensitive load sensor
- Rugged and robust body
- Safety limit switches for over travel safety
- Highly accurate micro-controller based system controls
- Peak Hold facility available
- Precise elongation feature
- Powder coated corrosion resistant structure
- Ergonomically designed structure
- Single column rugged structure

Optional features available-

1. Computerised software
2. Customised pneumatic grips
3. Speed drive/ speed controller