



Order Code : 20213595.1B

Name : Computerized Tensile Strength Tester



Specifications:

- It is based on the Constant Rate of Traverse (CRT) principle. The sample is held between two jaws; the upper one is a stationary jaw while the other end is made to move at a known fixed speed with the help of Motor, Gear Box and Lead Screw arrangement.
- The load exerted on the Stationary jaw is sensed by a sensor connected with load cell which directly indicates the load in Digital form in Newton and kg.

Technical Specification

- To Determine The Tensile Strength.
- Maximum capacity of Machine – 500 kg
- Least Count - 0.05 kg
- Travers Speed - 50mm/m
- Max. Grip Separation –800 mm
- Min. Grip Separation – 10 mm
- Power - 220 V AC 50 Hz.
- Drive /Motors – 1/2 H.P. motor single phase.
- Safety Device – With Limit Switch to protect from Over Traverse.

Software Detail –

1. Load and Elongation show in both Displays (M/c and Computer Monitor)
2. Load vs. Elongation Graph
3. Strain vs. stress
4. Load vs. time
5. Displacement vs. time
6. Yield load
7. Elongation Percentage
8. Easy to operate
9. Easy to installed and use.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.

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