

STRENGTH OF MATERIALS LABORATORY

1. IZOD IMPACT TESTING MACHINE
2. TORSION TESTING MACHINE
3. UNIVERSAL TESTING MACHINE
4. BRINELL HARDNESS TESTING MACHINES
5. ROCKWELL HARDNESS TESTING MACHINE
6. MECHANICAL EXTENSOMETER
7. COMPRESSOMETER



Introduction:

Mechanical extensometer is essential to measure the elongation of test specimen under load, to have its mechanical properties. Mechatronic control system's extensometer model em 1 is intended to serve the above purpose.

Specification:

- ❖ Measuring Range: 0 to 3 mm
- ❖ Least Count : 1/100 mm
- ❖ Gauge Length (Adjustable): 25 to 120 mm
- ❖ Thickness or diameter: 1 to 20 mm
- ❖ Net Weight 0.3 kg Approx.



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