

# Digital Spring Testing Machine



- ❖ Digital display.
- ❖ The design & manufacture of Digital Spring Testers for testing springs for both compression & tensile test.
- ❖ Rugged housing construction design.
- ❖ Suitable upper & lower compression plate of 90mm diameter will be provided for keeping compression springs.
- ❖ For Tension spring suitable mounting arrangement will be provided optionally.
- ❖ We offer variety of models to test spring of 5 kg to 250 kg & can test spring having diameters of 50 mm & 150 mm free length.

## Technical Specification

### Model / Capacity

- ❖ Maximum Capacity
- ❖ Type of Spring
- ❖ Free length of tension spring
- ❖ Diameter of compression spring
- ❖ Load Application
- ❖ Maximum Cross Head Travel
- ❖ Force Measuring Resolution
- ❖ Pitch

One complete revolution of  
Handle (360 degree) Travel of  
Crosshead **up or down**

- ❖ Type of Construction
- ❖ Elongation / Deflection
- ❖ Least Count

### ❖ Grip:

Compression Plate  
Tension Grip / Hook

- ❖ Loadcell & digital Indicator – Microprocessor based indicator suitably calibrated

### FM-UST-30 / 50

5kg,10kg,20kg,30kg,50kg  
Tension & Compression  
150mm  
90mm  
By top hand wheel  
100mm  
1 gm  
3mm

Single Column

1 ft scale(300mm)

1mm

90mm dia

Optional

### FM-UST-250

50kg,100kg,250kg  
Tension & Compression  
150mm  
90mm  
By top hand wheel  
100mm  
10 gm  
3mm

Single Column

1 ft scale(300mm)

1mm

90mm dia

Optional

## Options Available:

- ❖ Elongation Measurement: Dial gauge with a least count of 0.01mm or digital vernier with a least count of 0.01mm can be provided.
- ❖ Digital Encoder

**FINE MARKETING**



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