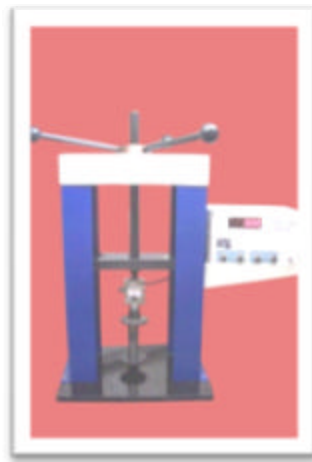


Digital Spring Testing Machine



- ❖ Load 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 200mm 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	FM- UST-500 500 kg / 5000N
❖ Type of Spring	Tension & Compression
❖ Free length of tension spring	300mm
❖ Diameter of compression spring	200mm
❖ Load Application	By top hand wheel
❖ Maximum Cross Head Travel-without sample/grip	500mm
❖ Force Measuring Resolution	0.1kg(100gms) / 1N
❖ Pitch	5mm
One complete revolution of Handle (360 degree) Travel of Crosshead up or down	
❖ Type of Construction	Double Column
❖ Elongation / Deflection / Least Count	1 ft scale(300mm)
❖ Grip:	
Compression Plate	200mm (1set – 2Nos.)
Tension Grip / Hook	Optional
❖ Load cell & digital Indicator – 750kg Load cell, Microprocessor based indicator suitably calibrated.	

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
- ❖ Different grips / compression plates depending on application.
- ❖ Motorised version.

FINE MARKETING



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