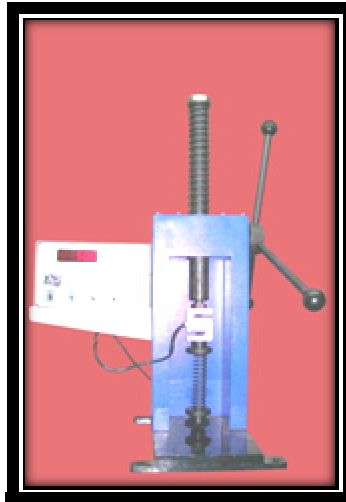


Digital Spring Testing Machine

Model: FM-UST-RP-100



- ❖ Load Digital display.
- ❖ This machine is specially designed with Rack & Pinion arrangement for production / quick testing of compression springs.
- ❖ The design & manufacture of Digital Spring Testers for quick testing springs for both compression & tensile test.
- ❖ Rugged housing construction design.
- ❖ Suitable upper & lower compression plate of 80mm diameter will be provided for keeping compression springs.
- ❖ For Tension spring suitable mounting arrangement will be provided optionally.

Technical Specification

Model / Capacity

- ❖ Maximum Capacity 100 kg / 1000N
- ❖ Type of Spring Tension & Compression
- ❖ Free length of tension spring 100mm
- ❖ Diameter of compression spring 80mm
- ❖ Load Application By Rack & Pinion hand wheel
- ❖ Maximum Cross Head Travel-without sample/grip 100mm
- ❖ Force Measuring Resolution 0.02kg(20gms) / 0.2N
- ❖ Type of Construction Single Column with Rack & Pinion
- ❖ Elongation / Deflection / Least Count 1 ft scale(300mm)
- ❖ **Grip:**
 - Compression Plate 80mm (1set – 2Nos.)
 - Tension Grip / Hook Optional
- ❖ Load cell & digital Indicator – 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.
- ❖ Different grips / compression plates depending on application.

FINE MARKETING

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