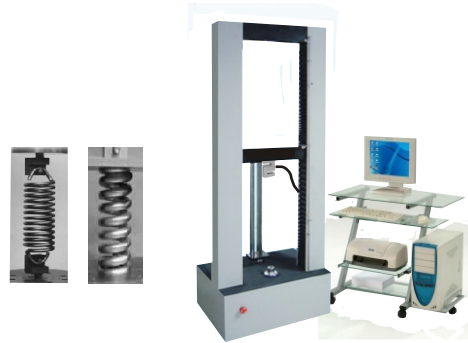


Computerized Spring Universal Tensile Tester

A product from an ISO 9001-2000 Certified Company

ETS



Model: CSTM- 1816

Specifications :

Loading Capacity: Available from 10 kgf to 10,000kgf

Spring diameter: Upto 200mm

Admit between platens or springs length: upto 400mm

Load application: Motorized/Manual

Load Indicator resolution: 0.1% FS

Load Indicator accuracy: $\pm 0.5\%$ FS

Power supply: 220V, single phase, AC supply or as desired at extra cost.

Features :

Digital load indicator on the machine will be connected to a load cell.

The machine will have one load cell.

Zero result facility for length indicator at any position of platen, to indicate the actual deflection during loading.

Electro-mechanical loading system at fixed or variable speed of upto 100mm/min (approx).

The machine shall have load and deflection display and will

a) Tare load to Zero on the test start

b) Tare length to Zero after 2-3 count registered on load

Load and Deflection indicator will have Metric/ British unit selection. In British system, display will read load in lbf and deflection in inches. In Metric system, display will read load in kgf and deflection in mm.

Non-memory resident digital length/ displacement indicator having resolution 0.1mm and accuracy ± 0.2 mm using rotary optical encoder.

Tare set facility for load indicator to set OFF dead weights (clamps, holders, samples, etc. to registered actual sample force/ load directly).

PC having the best configuration along with its software for

downloading the data for carrying out analysis as well as shall be provided with a HP make ink jet printer.

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