

SPRING TESTING MACHINE

BSTM 100

Features

- Single ball screw & LM guide way based mechanism- and less space occupation
- Loadcell & structural deflection compensated, by special technique
- Fast accurate human error free automatic testing
- Multi range force display - single machine covers wide range
- Testing of compression & tension spring in the same machine
- Side handle for comfortable handling
- Testing of compression & tension spring in the same machine
- Self hold mechanism enables fine adjustment of force or length with stable reading to observe comfortably
- Electronic system is based on latest microcontrollers. Minimum chip count ensures high reliability and low power consumption
- Machine and electronics designed for components or assembly testing
- Standard thread mount to adapt specialized fixtures



Functions

- Fixed or automatic range selection
- Force unit selection - kg/Newton/Pound
- Length unit selection - mm/Inch
- Peak Hold(to find failure strength or snap action forces)
- Push to zero for force
- Preset for length
- Absolute /Incremental (deflection) display of length
- Online calculation and display stiffness

Specifications

- Different capacity models available - 10kg, 20kg, 50kg,100kg
- Capacity Resolution combination available mentioned below
- Length display / positioning resolution - 0.01mm(0.001mm optional)
- Stroke different options available - 300mm , 600mm, 1000mm, 1200mm

Capacity	Multi Ranging resolution (Auto range)			
10 kg	0 - 0.5 kg 0.1 gms	0.5- 1 kg 0.2 gms	1- 5kg 1 gms	5 - 10kg 2 gms
20 kg	0 - 1 kg 0.2 gms	1 - 2kg 0.4 gms	2-10kg 2 gms	10 - 20kg 4 gms
50 kg		0 - 5 kg 1 gms	5 -25kg 5 gms	25 -50kg 10 gms
100 kg	0 - 5kg 1 gms	5 - 10kg 2 gms	10- 50kg 10 gms	50 - 100kg 20 gms



SIMPLETECH INSTRUMENTS

Fact/Office Entrance : No.76, Jagadhis Building,
Vidhyaranyapura Main Road, Doddabommasandra,
Bangalore -560097, India.

Telefax : +91 80 28382561 Phone: +91 80 65672036

E-mail : marketing@simpletechindia.com

Website : www.simpletechindia.com