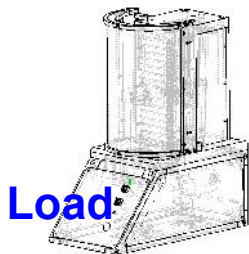
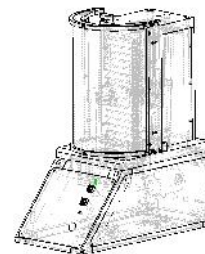


# CT-10





## Specifications



**Load**

**Stroke**

**Platten  
Diameter**

**Free Length**

**Spring rate**

**Initial tension**

**Computer**

**Languages**

**Software  
Features**

**Units**

**Test speeds**

**Power**

- ☐ Load Capacity 10N (2.25lbf)
- ☐ Load Resolution 0.0002N (0.00045lbf)
- ☐ Load Accuracy  $\pm 0.0004\text{N}$  ( $\pm 0.0009\text{lbf}$ )
- ☐ Continuous digital display or Force/Load height graphical analysis tools and display
- ☐ Safe overload to 150% of FS (compression and tension overload protection at 100% of FS load)
- ☐ Stroke 200mm (8") Standard
- ☐ 500mm (16") Optional
- ☐ Resolution: 0.003mm (0.0002") for 200 stroke, - Standard
- ☐ Resolution: 0.008mm (0.0005") for 500mm stroke
- ☐ Accuracy:  $\pm 0.02\text{mm}$  ( $\pm 0.0008\text{"}$ ) for 200 stroke, Accuracy:  $\pm 0.04\text{mm}$  ( $\pm 0.0015\text{"}$ ) for 500mm stroke Absolute display of load height above a user defined fixed reference.
- ☐ 55mm (2.2")
- ☐ Automatically determined
- ☐ Automatic or manual determination of spring rate (linear analysis), option for characterization of non-linear rates (e.g. conical springs)
- ☐ Automatic detection of tension spring initial tension.
- ☐ Intel dual Core (minimum) processor
- ☐ Serial or USB connection to PC for control and data transfer
- ☐ Laptop optional.
- ☐ Fully Microsoft Windows XP and Win7 compatible
- ☐ English, German, French and Spanish
- ☐ Programmable for automated testing, Includes frelength, initial tension and spring rate results. Solid Height detection included.
- ☐ Full reporting and printing capability available.
- ☐ On-Line and off-line SPC control charts and Cpk capability testing available.
- ☐ Design and reverse engineering algorithms
- ☐ Smart self calibration routines
- ☐ N, kgf, gf, ozf, lbf – mm, inches
- ☐ 1.5mm/s – 15mm/s (3.5"/min – 35.5"/min)
- ☐ 110V~220V AC 6.5A (Maximum)

Display 17"  
Monitor with  
PC option.



[WWW.SASTESTERS.COM](http://WWW.SASTESTERS.COM)

Ph: +972-9-7603895

Fax: +972-9-7604849

E-Mail: [Info@SASTESTERS.COM](mailto:Info@SASTESTERS.COM)