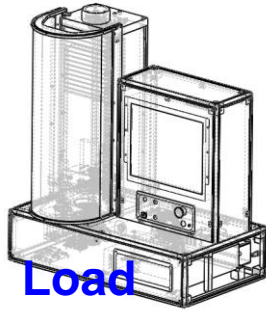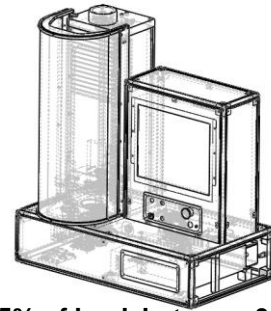# CT-10PC

Specifications

Load

- Load Capacity 10N (2.25lbf)
- Load Resolution 0.0002N (000045lbf)
- Load Accuracy per ISO 7500 /1 Class 0.5 (0.5% of load, between 0.5% capacity up to full capacity)
- 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

- Stroke.500mm (16") HR Model characteristics
- Resolution: 0.00025mm (0.0000098")
  Accuracy: ±0.01mm (±0.00039")
  Accuracy: better than 0.005mm– Available with independent Calibration

Platten Diameter

- 80mm (3.15")

Free Length

- Automatically determined

Spring rate

- Automatic or manual determination of spring rate (linear analysis), option for characterization of non-linear rates (e.g. conical springs)

Initial tension

- Automatic detection of tension spring initial tension.

Computer

- Intel dual Core (minimum) processor   Display 19"
- Built-In PC.   Touch Screen
- Fully Microsoft Win7 and Win10 compatible Built – In Monitor.

Languages

- English, German, French and Spanish

Software Features

- Programmable for automated testing, Includes freelength, 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
- Fatigue (Life/Cycle) Testing algorithms available

Units

- N, kgf, gf, ozf, lbf – mm, inches

Test speeds

- 0.1mm/s – 125mm/s (0.236"/min-295.3"/min)
- 12 distinct speed settings available HR Model

Power

- 110V~220V AC 4.5A (Maximum)

SAS Inc.
Spring Analysis Systems

WWW.SASTESTERS.COM
Ph: +972-9-7603895
Fax: +972-9-7604849
E-Mail: Info@SASTESTERS.COM