

CT-30000



Specifications

Load

- ❑ Load Capacity 30000N (6750.0lbf)
- ❑ Load Resolution 0.60N (0.135lbf)
- ❑ Load Accuracy per ISO 7500 Class 1 0.5%. Accuracy of $\pm 0.75\text{N}$ at 150N
- ❑ Recommended minimum test load: 240N (54lbf)
- ❑ 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 1000mm (40") Standard
- ❑ Resolution: 0.0001mm (0.0000039") for 1000mm stroke
- ❑ Accuracy: $\pm 0.01\text{mm}$ ($\pm 0.0004"$) for 1000mm stroke.
- ❑ Absolute display of load height above a user defined fixed reference.

Platten

Diameter

- ❑ 300mm (11.87") using 3 loadcells for optimum stiffness and off-center loading capacity

Free Length

Spring rate

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

Initial tension

Computer

- ❑ 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 Win10 and Win11 compatible

Display 23"
Monitor with
PC option.

Languages

- ❑ English, German, French and Spanish

Software

Features

- ❑ 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

Units

Test speeds

Power

- ❑ N, kgf, gf, ozf, lbf – mm, inches
- ❑ 0.03mm/s – 50mm/s (0.071"/min – 120"/min)
- ❑ 110V~220V AC 16A (Maximum).. 3 phase 360-480VAC available



WWW.SASTESTERS.COM

Ph: +972-9-7603895

Fax: +972-9-7604849

E-Mail: Info@SASTESTERS.COM