

CT-10000SP



(CT10000 Dual Loadcell Model shown in Picture)

Specifications

Load

- ❑ Load Capacity 10000N (2243.0lbf)
- ❑ Load Resolution 0.20N (0.04lbf)
- ❑ 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 (20")
- ❑ Resolution: 0.0001mm (0.0000039") for 500mm stroke
- ❑ Accuracy: ± 0.01 mm (± 0.00039 ") for 500 stroke: better than 0.005mm– Available with independent Calibration for HR Model
- ❑ 200mm (8")

Platten

Diameter

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 Win7 and Win 10 compatible

Display 17"
Monitor with
PC option.

Languages

- ❑ English, German, French, Russian, and Turkish

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
- ❑ Fatigue module
- ❑ N, kgf, gf, ozf, lbf – mm, inches

Units

Test speeds

- ❑ 0.1mm/s – 50mm/s (0.236"/min-120"/min)
- ❑ 12 distinct speed settings available

Dimensions

LXBXH

Power

- ❑ 40 x 85 x 120 cm
- ❑ (15.7" x 22.83" x 47.25")
- ❑ Weight 240 kg (528lbf)
- ❑ 110V~220V AC 9A (Maximum)



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