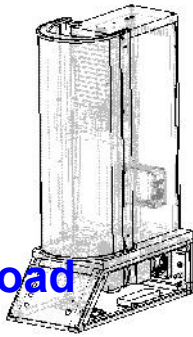


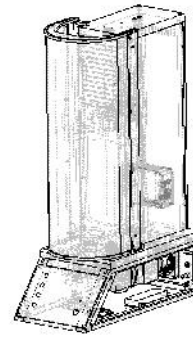
CT-5000



Load



Specifications



Stroke

**Platten
Diameter
Free Length
Spring rate
Initial tension
Computer**

Languages

**Software
Features**

**Units
Test speeds
Power**

- ☐ Load Capacity 5000N (1680.0lbf)
- ☐ Load Resolution 0.10N (0.0224lbf)
- ☐ Load Accuracy 0.25N (0.056lbf)
- ☐ 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 500mm (16") Standard
- ☐ Resolution: 0.008mm (0.0005") for 500mm 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.
- ☐ 120mm (4.7")
- ☐ 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 4A (Maximum)

Display 17"
Monitor with
PC option.



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