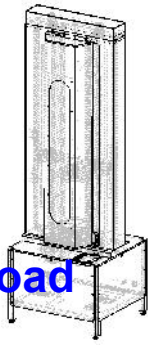


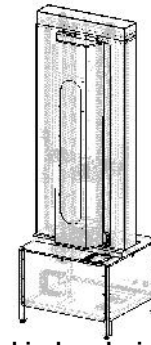
# CT-20000



**Load**



## Specifications



**Stroke**

**Platten  
Diameter  
Free Length  
Spring rate**

**Initial tension  
Computer**

**Languages**

**Software  
Features**

**Units  
Test speeds  
Power**

- Load Capacity 2000N (4500.0lbf)
- Load Resolution 0.40N (0.09lbf)
- Load Accuracy  $\pm 1.0N$  ( $\pm 0.224lbf$ )
- 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 1000mm (40") Standard
- Resolution: 0.016mm (0.0008") for 1000mm stroke
- Accuracy:  $\pm 0.05mm$  ( $\pm 0.002$ ") for 1000mm stroke Absolute display of load height above a user defined fixed reference.
  
- 200mm (8.0")
  
- 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 6A (Maximum)

Display 17"  
Monitor with  
PC option.



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