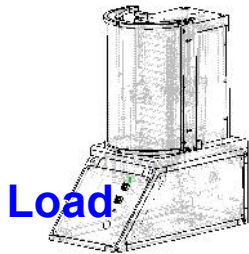
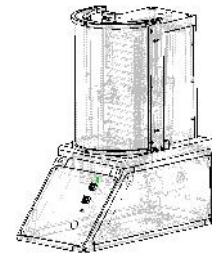


CT-500





Specifications



- Load**
 - Load Capacity 500N (112.0lbf)
 - Load Resolution 0.01N (0.0022lbf)
 - Load Accuracy $\pm 0.02N$ ($\pm 0.0045lbf$)
 - 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 200mm (8") Standard
 - 500mm (16") Optional
 - Resolution: 0.003mm (0.0002") for 200 stroke, - Standard
 - Resolution: 0.008mm (0.0005") for 500mm stroke
 - Accuracy: $\pm 0.02mm$ (± 0.0008 ") for 200 stroke, Accuracy: $\pm 0.04mm$ (± 0.0015 ") for 500mm stroke Absolute display of load height above a user defined fixed reference.
- Platten Diameter**
 - 55mm (2.2")
- 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
 - Serial or USB connection to PC for control and data transfer
 - Laptop optional.
 - Fully Microsoft Windows XP and Win7 compatible
- 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**
 - N, kgf, gf, ozf, lbf – mm, inches
- Test speeds**
 - 1.5mm/s – 15mm/s (3.5"/min – 35.5"/min)
- Power**
 - 110V~220V AC 6.5A (Maximum)

Display 17"
Monitor with
PC option.



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