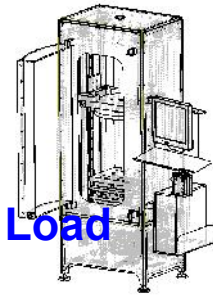
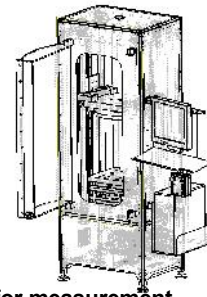


CT-200000





Specifications



Load

Stroke

Platten Diameter

Free Length

Spring rate

Initial tension

Computer

Languages

Software Features

Units

Test speeds

Power

- Load Capacity 2000N (45000.0lbf)
- Load Resolution 4.00N (0.90lbf)
- Load Accuracy $\pm 10.0N$ ($\pm 2.25lbf$)
- Extreme Load Offset Capability-3 Loadcells used for measurement
- 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.

- 400mm (16.0")

- 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)
- 360-480V AC 3phase 16A (Maximum per phase)

Display 17"
Monitor with
PC option.



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