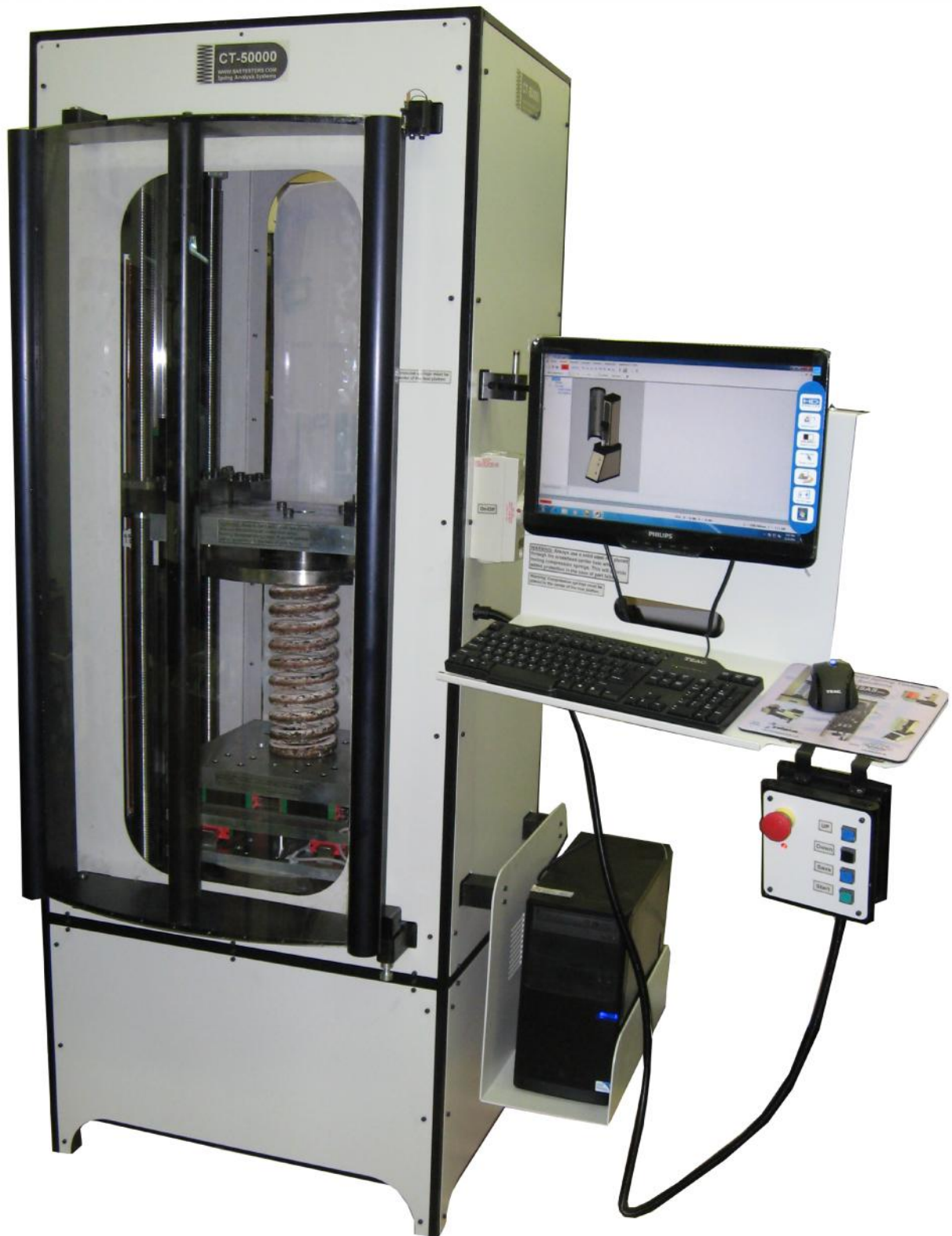
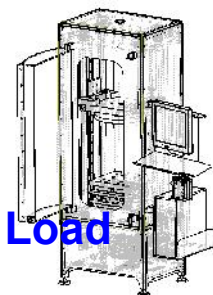
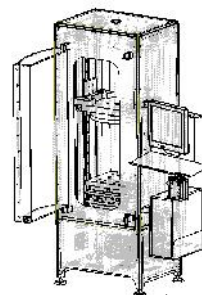


CT-50000





Specifications



Load

Stroke

**Platten
Diameter**

Free Length

Spring rate

Initial tension

Computer

Languages

**Software
Features**

Units

Test speeds

Power

- ☐ Load Capacity 50000N (11200.0lbf)
- ☐ Load Resolution 1.00N (0.224lbf)
- ☐ Load Accuracy $\pm 2.5\text{N}$ ($\pm 0.56\text{lbf}$)
- ☐ 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: $\pm 0.05\text{mm}$ ($\pm 0.002"$) 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 10A (Maximum per phase)

Display 17"
Monitor with
PC option.



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