

CT-2000

2500N Capacity
C-Frame
Servo Driven
PC Controlled

Connects externally to a PC via USB and/or Serial ports.



Specifications

Load	<ul style="list-style-type: none"><input type="checkbox"/> Load Capacity 2500N (560.0lbf)<input type="checkbox"/> Load Resolution 0.05N (0.0110lbf)<input type="checkbox"/> Load Accuracy per ISO 7500 /1 Class 0.5 (0.5% of load, between 0.5% capacity up to full capacity)<input type="checkbox"/> Continuous digital display or Force/Load height graphical analysis tools and display<input type="checkbox"/> Safe overload to 150% of FS (compression and tension overload protection at 100% of FS load)
Stroke	<ul style="list-style-type: none"><input type="checkbox"/> Stroke 500mm (20") for both Standard and HS Models<input type="checkbox"/>1000mm(40") Optional for HS Model<input type="checkbox"/> Resolution: 0.008mm (0.00031") for 500mm stroke on Standard Models<input type="checkbox"/> Resolution: 0.00025mm (0.0000098") for 500mm and 1000mm stroke –HS Model<input type="checkbox"/> Accuracy: ±0.04mm (±0.0015") for 500mm stroke on Standard Models. Absolute display of load height above a user defined fixed reference.<input type="checkbox"/> Accuracy: ±0.01mm (±0.00039") for 500 and 1000mm stroke for HS Model, Accuracy: better than 0.005mm– Available with independent Calibration for HS Model<input type="checkbox"/> 80mm (3.15")
Platten Diameter	<ul style="list-style-type: none"><input type="checkbox"/> Automatically determined<input type="checkbox"/> Conductive contact Frelength module optional
Free Length	<ul style="list-style-type: none"><input type="checkbox"/> Automatic or manual determination of spring rate (linear analysis), option for characterization of non-linear rates (e.g. conical springs)
Spring rate	<ul style="list-style-type: none"><input type="checkbox"/> Automatic detection of tension spring initial tension.
Initial tension	<ul style="list-style-type: none"><input type="checkbox"/> Intel dual Core (minimum) processor<input type="checkbox"/> Serial or USB connection to PC for control and data transfer<input type="checkbox"/> Laptop optional.<input type="checkbox"/> Fully Microsoft Windows Win7 and Win 10 compatible
Computer	<p style="text-align: right;">Display 17" Monitor with PC option.</p>
Languages	<ul style="list-style-type: none"><input type="checkbox"/> English, German, French, Russian, and Turkish<input type="checkbox"/> Programmable for automated testing, Includes frelength, initial tension and spring rate results. Solid Height detection included.<input type="checkbox"/> Full reporting and printing capability available.<input type="checkbox"/> On-Line and off-line SPC control charts and Cpk capability testing available.<input type="checkbox"/> Design and reverse engineering algorithms<input type="checkbox"/> Smart self calibration routines<input type="checkbox"/> Fatigue module available with HS Model<input type="checkbox"/> N, kgf, gf, ozf, lbf – mm, inches
Software Features	<ul style="list-style-type: none"><input type="checkbox"/> 1.5mm/s – 15mm/s (3.5"/min – 35.5"/min)<input type="checkbox"/> 4 distinct speed settings available Standard Model<input type="checkbox"/> 0.1mm/s – 125mm/s (0.236"/min-295.3"/min) HS Model<input type="checkbox"/> 12 distinct speed settings available HS Model
Units	<ul style="list-style-type: none"><input type="checkbox"/> Standard Model<input type="checkbox"/> 32 x 58 x 105 cm<input type="checkbox"/> (12.6" x 23" x 41.4")<input type="checkbox"/> Weight 45 kg (99lbf)
Test speeds	<ul style="list-style-type: none"><input type="checkbox"/> HS Model<input type="checkbox"/> 32 x 58 x 105 cm<input type="checkbox"/> (12.6" x 23" x 41.4")<input type="checkbox"/> Weight 45 kg (99lbf)
Dimensions LXBXH	<ul style="list-style-type: none"><input type="checkbox"/> 110V~220V AC 6.5A (Maximum)
Power	



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