

CT-5000



Specifications

Load	<ul style="list-style-type: none"><input type="checkbox"/> Load Capacity 5000N (1680.0lbf)<input type="checkbox"/> Load Resolution 0.10N (0.0224lbf)<input type="checkbox"/> Load Accuracy $\pm 0.25\text{N}$ ($\pm 0.056\text{lbf}$)<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 HR Models<input type="checkbox"/> Resolution: 0.008mm (0.00031") for 500mm stroke on Standard Models<input type="checkbox"/> Resolution: 0.00025mm (0.0000098") for 500mm stroke –HR Model<input type="checkbox"/> Accuracy: $\pm 0.04\text{mm}$ ($\pm 0.0015"$) for 500mm stroke on Standard Models. Absolute display of load height above a user defined fixed reference.<input type="checkbox"/> Accuracy: $\pm 0.01\text{mm}$ ($\pm 0.00039"$) for 500 stroke for HR Model, Accuracy: better than 0.005mm– Available with independent Calibration for HR Model<input type="checkbox"/> 120mm (4.7")		
Platten Diameter	<ul style="list-style-type: none"><input type="checkbox"/> Automatically determined		
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 HR Model<input type="checkbox"/> N, kgf, gf, ozf, lbf – mm, inches		
Software Features			
Units			
Test speeds	<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 – 160mm/s (0.236"/min-378"/min) HR Model<input type="checkbox"/> 12 distinct speed settings available HR Model		
Dimensions	<table><tr><td><ul style="list-style-type: none"><input type="checkbox"/> Standard Model<input type="checkbox"/> 32 x 70 x 110 cm<input type="checkbox"/> (12.6" x 27.5" x 43.3")<input type="checkbox"/> Weight 200 kg (440lbf)</td><td><ul style="list-style-type: none"><input type="checkbox"/> Standard Model<input type="checkbox"/> 32 x 70 x 115 cm<input type="checkbox"/> (12.6" x 27.5" x 45.2")<input type="checkbox"/> Weight 200 kg (440lbf)</td></tr></table>	<ul style="list-style-type: none"><input type="checkbox"/> Standard Model<input type="checkbox"/> 32 x 70 x 110 cm<input type="checkbox"/> (12.6" x 27.5" x 43.3")<input type="checkbox"/> Weight 200 kg (440lbf)	<ul style="list-style-type: none"><input type="checkbox"/> Standard Model<input type="checkbox"/> 32 x 70 x 115 cm<input type="checkbox"/> (12.6" x 27.5" x 45.2")<input type="checkbox"/> Weight 200 kg (440lbf)
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LXBXH			
Power	<ul style="list-style-type: none"><input type="checkbox"/> 110V~220V AC 9A (Maximum)		



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