

CT-30000



Specifications

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|--------------------------|---|---|
| Load | <input type="checkbox"/> Load Capacity 3000N (6750.0lbf) | |
| | <input type="checkbox"/> Load Resolution 0.60N (0.135lbf) | |
| | <input type="checkbox"/> Load Accuracy $\pm 1.5N$ ($\pm 0.336lbf$) | |
| | <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 | <input type="checkbox"/> Stroke 1000mm (40") Standard | |
| | <input type="checkbox"/> Resolution: 0.016mm (0.0008") for 1000mm stroke | |
| | <input type="checkbox"/> Accuracy: $\pm 0.05mm$ ($\pm 0.002"$) for 1000mm stroke Absolute display of load height above a user defined fixed reference. | |
| Platten Diameter | <input type="checkbox"/> 200mm (8.0") | |
| Free Length | <input type="checkbox"/> Automatically determined | |
| Spring rate | <input type="checkbox"/> Automatic or manual determination of spring rate (linear analysis), option for characterization of non-linear rates (e.g. conical springs) | |
| Initial tension | <input type="checkbox"/> Automatic detection of tension spring initial tension. | |
| Computer | <input type="checkbox"/> Intel dual Core (minimum) processor | Display 17"
Monitor with
PC option. |
| | <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 XP and Win7 compatible | |
| Languages | <input type="checkbox"/> English, German, French and Spanish | |
| Software Features | <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 | |
| Units | <input type="checkbox"/> N, kgf, gf, ozf, lbf – mm, inches | |
| Test speeds | <input type="checkbox"/> 1.5mm/s – 15mm/s (3.5"/min – 35.5"/min) | |
| Power | <input type="checkbox"/> 110V~220V AC 6A (Maximum) | |



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