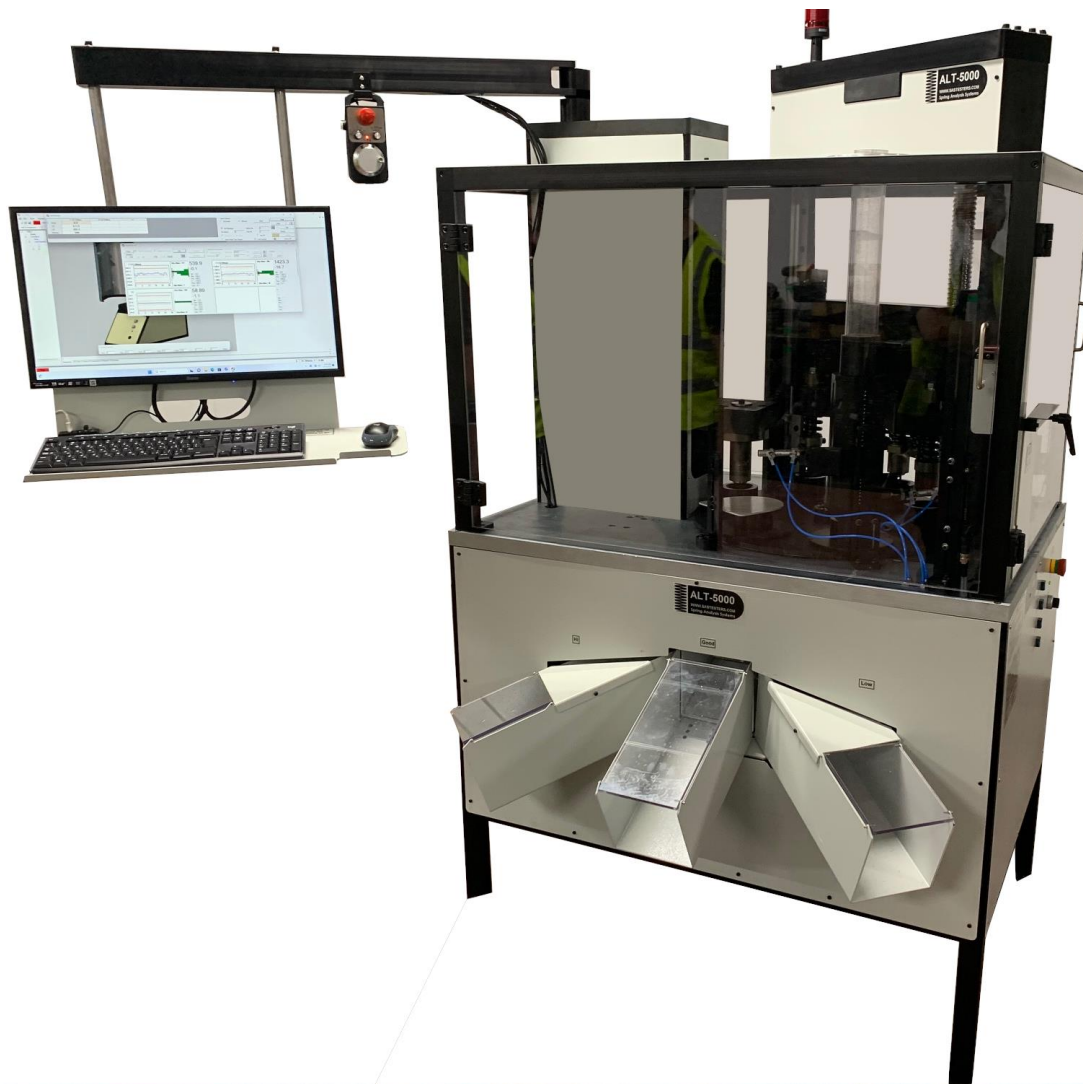


# ALT-5000



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## Specifications

<b>Tester Load</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Load Capacity 5000N (1121.0lbf)</li> <li><input type="checkbox"/> Load Resolution 0.10N (0.0224lbf)</li> <li><input type="checkbox"/> Recommended minimum load: 40N (9lbf) *</li> <li><input type="checkbox"/> Load Accuracy <math>\pm 0.125N</math> (0.028lbf) at 25N (5.6lbf) and better than <math>\pm 25N</math> (<math>\pm 5.6lbf</math>) at 5000N (1125lbf) (Better Than ISO 7500/1 Class 0.5)</li> <li><input type="checkbox"/> Continuous digital display or Force/Load height graphical analysis tools and display</li> <li><input type="checkbox"/> Safe overload to 150% of FS (compression and tension overload protection at 100% of FS load)</li> </ul>	
<b>Tester Stroke</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Maximum Spring Freelength 150mm (6") (Setting and sorting restrictions limit Freelength)</li> <li><input type="checkbox"/> Stroke 500mm (20") Standard</li> <li><input type="checkbox"/> Resolution: 0.25micron (0.00001") for High Resolution Models, - Standard</li> <li><input type="checkbox"/> Accuracy: better than 0.01mm (0.0004") – Available with independent Calibration for High Resolution Models</li> <li>Absolute display of load height above a user defined fixed reference.</li> </ul>	
<b>Tester Platten Diameter</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> 120mm (4.7")</li> <li><input type="checkbox"/> Max Spring Diameter 145mm (5.7") Turntable and loading restrictions limit spring OD</li> </ul>	
<b>System Computer</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Intel dual Core (minimum) processor</li> <li><input type="checkbox"/> Built-In PC.</li> <li><input type="checkbox"/> Fully Microsoft Windows Win 11 Pro compatible</li> </ul>	Display 23" Touch Screen Built – In Monitor.
<b>Software Languages</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> English, German, French and Spanish</li> </ul>	
<b>Software Features</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Programmable for automated testing, Includes freelength, initial tension and spring rate results. Solid Height detection included.</li> <li><input type="checkbox"/> Over 200 programmable test points available</li> <li><input type="checkbox"/> Full reporting and printing capability available.</li> <li><input type="checkbox"/> On-Line and off-line SPC control charts and Cpk capability testing available.</li> <li><input type="checkbox"/> Smart self calibration routines</li> </ul>	
<b>Units</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> N, kgf, gf, ozf, lbf – mm, inches</li> </ul>	
<b>Tester Crosshead Test speeds</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> 0.3mm/s – 160mm/s (0.071"/min – 378"/min)</li> </ul>	
<b>Turn Table</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> 12 Turntable Stations Including:</li> <li><input type="checkbox"/> Loading Station</li> <li><input type="checkbox"/> 3 Setting Stations</li> <li><input type="checkbox"/> 1 Test Station</li> <li><input type="checkbox"/> 1 unloading/ Sorter Station</li> </ul>	
<b>Setting</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Pneumatic Setting or Servo Setting (Option)</li> <li><input type="checkbox"/> 10000N (2250lbf) Maximum Setting Capacity</li> <li><input type="checkbox"/> Can be mechanically divided into 3 setting stations. (for 3 setting stations, each station capacity up to 3333N)</li> <li><input type="checkbox"/> 300mm (11.76") setting stroke</li> <li><input type="checkbox"/> Number of setting actions—programmable</li> <li><input type="checkbox"/> Mechanical lower stopper to setup setting height if required</li> <li><input type="checkbox"/> Mechanical upper stop to reduce set times for different spring sizes</li> </ul>	
<b>Sorting Loading</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Programmable 3 way sorting for one test parameter</li> <li><input type="checkbox"/> Programmable 2 way sorting for multiple test parameters</li> </ul>	
<b>Power</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> 110V~220V AC 32A (Maximum)</li> </ul>	
<b>Testing Speeds / Part Throughput</b>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Depends on part freelength, required test stroke, number of required test parameters</li> <li><input type="checkbox"/> For example: 1 test parameter with a 10mm test stroke, ---Approximately 2500 springs per hour can be tested</li> </ul>	

