



**Frank Bacon Machinery Sales Co.**

**21251 Ryan Road**

**Warren, MI 48091**

**586-756-4280 [www.frankbacon.com](http://www.frankbacon.com) Email: [sales@frankbacon.com](mailto:sales@frankbacon.com)**

Stock #	DESCRIPTION
13144-00	<p>30kN MTS Insight Model 30-SL Universal Testing Machine</p> <p>30kN MTS Insight Model 820.030-SL Twin Precision Ball Screw Electro-Mechanical Tension and Compression Testing Machine with Load Cell.</p>
	<p style="text-align: center;"><b>MTS Insight 30-SL SPECIFICATIONS:</b></p> <p><b>Tension Testing Opening (Less Tooling):</b> 47" <b>Compression Testing Opening (Less Tooling):</b> 47" <b>Distance Between Columns/Screws:</b> 16.5" <b>Testing Stroke:</b> 47" <b>Testing Speed (IPM):</b> .0002-20 <b>Crosshead Adjusting Speed (IPM):</b> 20 <b>Position Resolution:</b> .00024" <b>Approximate Overall Dimensions:</b> <b>Load Frame (W x D x H):</b> 33" x 31" x 65" <b>Approximate Weight (lbs):</b> 600 <b>Electrical Requirements:</b> 230V 1Phase</p>
	<p style="text-align: center;"><b>EQUIPPED WITH:</b></p> <ul style="list-style-type: none"><li>• Computer System with Keyboard &amp; Mouse.</li><li>• 24" LED-Backlit LCD Color Monitor</li><li>• Microsoft Windows 10 Professional, Workstation</li><li>• MTGenius, Material Testing Software for Data Acquisition (Load, Position &amp; 2 Strain), Analysis and Computer Controlled Testing with Manual.</li><li>• MTGenius, Micro Console for Sensor Excitation and Analog/Digital Signal Processing with USB Cable.</li><li>• Electronic Material Testing Control System in Custom Cabinet/Desk with PC Controls and Crosshead Jog Controller.</li><li>• New Solid State Drive Controller for Precision Control of Testing Rates (Load, Position &amp; Strain).</li></ul>
	<p style="text-align: center;"><b>FOB Warren, MI Reconditioned/Retrofitted &amp; Certified 1 Year Parts and Labor Warranty</b></p> <p>*Actual Image Before Reconditioning</p>

**Guarantee:** Unless otherwise specified, every machine is offered with the standard **MDNA** (*MACHINERY DEALERS NATIONAL ASSOCIATION*) Return privilege to ensure your complete satisfaction. If the machine is un-satisfactory it may be returned to our warehouse, freight prepaid and in the original condition within 30 Days of shipment for a full refund less the cost of SPECIALIZED EQUIPMENT, NEW ITEMS AND RE-CERTIFICATION COSTS, When applicable. Care is taken to provide accurate specifications. However, Critical areas should be verified by Inspection.