



**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
12818-04	<p>22.5K (100kN) MTS/Sintec 20/G</p> <p>(1) Reconditioned 22,500 lbf (100 kN) MTS/Sintech, Model 20/G, Two Ball Screw Electro-Mechanical Tension and Compression Testing Machine updated with new AC Servo Motor and Drive.</p> <p style="text-align: center;"><b>MTS/Sintech, Model 20/G SPECIFICATIONS:</b></p> <p><b>Tension Testing Opening (Less Tooling): 50"</b> <b>Compression Testing Opening (Less Tooling): 50"</b> <b>Distance Between Columns/Screws: 25"</b> <b>Testing Stroke: 50"</b> <b>Table Size (W x D): 25" x 6"</b> <b>Testing Speed (IPM): .002 to 20</b> <b>Crosshead Adjusting Speed (IPM): 20</b> <b>Approximate Overall Dimensions:</b> <b>New Electronic Control Console (W x D x H): 25" x 27" x 35 ½"</b> <b>Load Frame (W x D x H): 48" x 34" x 98"</b> <b>Approximate Weight (lbs): 2,000</b> <b>Electrical Requirements (V,HZ,PH): 230, 60, 3</b></p> <p style="text-align: center;"><b>EQUIPPED WITH:</b></p> <ul style="list-style-type: none"><li>• Dell Computer System With Keyboard and Mouse</li><li>• 24" Flat Screen Color Monitor</li><li>• Microsoft Windows 10 Pro 64 Bit, Workstation.</li><li>• MTESTQuattroTM, Material Testing Software for Data Acquisition (load, position &amp; 2 strain), Analysis and Computer Controlled Testing with Manual.</li><li>• MTESTQuattroTM, Micro console for sensor excitation and analog/digital signal processing with USB cable.</li><li>• New Electronic Material Testing Control System in custom Cabinet/Desk with PC/Manual Controls.</li><li>• New Yaskawa AC Servo Motor with incremental encoder and Yaskawa Solid State Drive Controller for precision control of testing rates (load, position &amp; strain).</li><li>• 100 kN Tension &amp; Compression Load Cell</li></ul> <p style="text-align: center;"><b>FOB Warren, MI Reconditioned/Retrofitted &amp; Certified 1 Year Parts and Labor Warranty</b></p>

**Guarantee:**



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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.