



**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
12994-00	<p><b>200kN (45K) Instron 4507</b></p> <p>(1) Reconditioned 45,000 lbf (200 kN) Capacity Instron Model 4507 Precision Two Ball Screw Research Grade Tension and Compression Testing Machine Updated with new AC Servo Motor and Drive System with Precision Load Cell.</p>
	<p style="text-align: center;"><b>Instron Model 4507</b></p> <p style="text-align: center;"><b>SPECIFICATIONS:</b></p> <p><b>Tension Testing Opening (Less Tooling): 54"</b></p> <p><b>Compression Testing Opening (Less Tooling): 54"</b></p> <p><b>Distance Between Columns/Screws: 23"</b></p> <p><b>Testing Stroke: 63"</b></p> <p><b>Table Size (W x D): 23" x 10"</b></p> <p><b>Low Speed Testing to 44K lbf (IPM): 00004-10</b></p> <p><b>High Speed Testing to 11K lbf (IPM): 10-20</b></p> <p><b>Crosshead Adjusting Speed (IPM): 20</b></p> <p><b>Approximate Overall Dimensions:</b></p> <p><b>New Electronic Console (W x D x H): 27.5" x 27" x 35"</b></p> <p><b>Load Frame (W x D x H): 44" x 28" x 90"</b></p> <p><b>Weight (lbs.): 3,500</b></p> <p><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>• Computer System with Keyboard and Mouse</li><li>• 24" Flat Screen Color Monitor</li><li>• Microsoft Windows 10 Pro 64 Bit, Workstation.</li><li>• MTESTQuattro, Material Testing Software for Data Acquisition (Load, Position &amp; 2 Strain), Analysis and Computer Controlled Testing with Manual.</li><li>• MTESTQuattro, 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 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>• Tension &amp; Compression Testing Above and Below the Middle Crosshead</li><li>• 200kN Tension &amp; Compression Load Cell</li></ul>
	<p style="text-align: center;"><b>FOB Warren, MI</b></p> <p style="text-align: center;"><b>Reconditioned/Retrofitted &amp; Certified</b></p> <p style="text-align: center;"><b>1 Year Parts and Labor Warranty</b></p>
	<p>*Representative Image After Reconditioning</p>



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**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.