



**Frank Bacon Machinery Sales Co.**

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Stock #	DESCRIPTION
13157-00	<p data-bbox="305 386 657 417"><b>22.5K (100kN) Instron 4505</b></p> <p data-bbox="305 428 1437 491">(1) Reconditioned 22,500 lbf (100 kN) Capacity Instron, Model 4505, Precision Ground Two Ball Screws Research Grade Tension and Compression Testing Machine with 100 kN Load Cell.</p> <p data-bbox="769 501 1003 527"><b>Instron, Model 4505</b></p> <p data-bbox="786 537 987 562"><b>SPECIFICATIONS:</b></p> <p data-bbox="305 573 813 598"><b>Tension Testing Opening (Less Tooling): 42"</b></p> <p data-bbox="305 609 873 634"><b>Compression Testing Opening (Less Tooling): 42"</b></p> <p data-bbox="305 644 789 669"><b>Distance Between Columns/Screws: 22.5"</b></p> <p data-bbox="305 680 524 705"><b>Testing Stroke: 42"</b></p> <p data-bbox="305 716 613 741"><b>Table Size (WxD): 22.5" x 8"</b></p> <p data-bbox="305 751 675 777"><b>Testing Speed (IPM): 0.00002-20</b></p> <p data-bbox="305 787 704 812"><b>Approximate Overall Dimensions:</b></p> <p data-bbox="305 823 883 848"><b>New Electronic Console (WxDxH): 27.5" x 27" x 35"</b></p> <p data-bbox="305 858 748 884"><b>Load Frame (WxDxH): 43.5" x 28" x 77"</b></p> <p data-bbox="305 894 833 919"><b>Approximate Load Frame Weight (Lbs): 2,400</b></p> <p data-bbox="305 930 821 955"><b>Electrical Requirements (V,HZ,PH): 230, 60, 3</b></p> <p data-bbox="786 1003 987 1029"><b>EQUIPPED WITH:</b></p> <ul data-bbox="344 1039 1442 1423" style="list-style-type: none"><li>• Computer System with Keyboard and Mouse.</li><li>• Windows 11 Pro Operating System</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 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>• 100kN Tension &amp; Compression Load Cell</li></ul> <p data-bbox="792 1470 980 1495"><b>FOB Warren, MI</b></p> <p data-bbox="662 1505 1110 1530"><b>Reconditioned/Retrofitted &amp; Certified</b></p> <p data-bbox="695 1541 1078 1566"><b>1 Year Parts and Labor Warranty</b></p> <p data-bbox="305 1577 574 1602">*Representative Images</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.