



**Frank Bacon Machinery Sales Co.**

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Stock #	DESCRIPTION
United SFM- 100kN	<p data-bbox="305 388 1276 422"><b>20K (100kN) United SFM-100kN Tension and Compression Testing Machine</b></p> <p data-bbox="305 430 1463 495">(1) 20,000 lbf (100 kN) United Model SFM-100kN Floor Model Two Ball Screw Electro-Mechanical Tension and Compression Testing Machine with 100kN Load Cell.</p> <p data-bbox="737 504 1036 527"><b>United Model SFM-100kN</b></p> <p data-bbox="786 537 987 560"><b>SPECIFICATIONS:</b></p> <p data-bbox="305 573 813 602"><b>Tension Testing Opening (Less Tooling): 60"</b></p> <p data-bbox="305 611 875 640"><b>Compression Testing Opening (Less Tooling): 60"</b></p> <p data-bbox="305 648 769 678"><b>Distance Between Columns/Screws: 22"</b></p> <p data-bbox="305 686 524 716"><b>Testing Stroke: 65"</b></p> <p data-bbox="305 724 659 753"><b>Testing Speed (IPM): .0002 - 20</b></p> <p data-bbox="305 762 737 791"><b>Crosshead Adjusting Speed (IPM): 20</b></p> <p data-bbox="305 800 704 829"><b>Approximate Overall Dimensions:</b></p> <p data-bbox="305 837 889 867"><b>New Electronic Console (W x D x H): 27" x 27" x 42"</b></p> <p data-bbox="305 875 751 905"><b>Load Frame (W x D x H): 35" x 27" x 93"</b></p> <p data-bbox="305 913 521 942"><b>Weight (lbs.): 1600</b></p> <p data-bbox="305 951 948 980"><b>Electrical Requirements (V, Hz, PH): 230V, 60Hz, 3Phase.</b></p> <p data-bbox="786 1003 987 1033"><b>EQUIPPED WITH:</b></p> <ul data-bbox="344 1041 1442 1461" style="list-style-type: none"><li>• Computer System with Key Keyboard &amp; Mouse</li><li>• 24" LED-Backlit LCD Color Monitor or Better &amp; Manual</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 AC Servo Motor and AC Drive Controller for Precision Control of Testing Rates (Load, Position &amp; Strain).</li><li>• 20,000 lbf (100 kN) Tension &amp; Compression Load Cell</li></ul> <p data-bbox="792 1505 980 1535"><b>FOB Warren, MI</b></p> <p data-bbox="662 1543 1110 1572"><b>Reconditioned/Retrofitted &amp; Certified</b></p> <p data-bbox="695 1581 1078 1610"><b>1 Year Parts and Labor Warranty</b></p> <p data-bbox="305 1614 565 1644">*Representative Image</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.