



Frank Bacon Machinery Sales Co.

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Stock #	DESCRIPTION
FB-100EM-TT	<p>NEW 22.5K (100kN) Frank Bacon FB-100EM-TT</p> <p>(1) NEW 22,500 lbf (100 kN) Capacity, Frank Bacon Machinery Model, FB-100EM-TT, Floor Standing, Precision Two Ball Screw Tension and Compression Testing Machine with Precision Load Cell.</p> <p style="text-align: center;">Frank Bacon Model FB-100EM-TT</p> <p style="text-align: center;">SPECIFICATIONS:</p> <p>Tension Testing Opening (Less Tooling): 48" Compression Testing Opening (Less Tooling): 48" Distance Between Columns/Screws: 22" Testing Stroke: 48" Testing Speed (IPM): .00002 – 20 Crosshead Adjusting Speed (IPM): 20 Measurable Load Range: .4-100%FS Measured Load Accuracy: ±.5% Strain Measuring Accuracy: ±.5% Displacement Measurement Resolution (mm): .001 Displacement Measurement Accuracy: Greater of ±.02mm and ±1% Strain Rate Control Accuracy: ±.5% Force Loading Control Accuracy: ±1% Displacement Rate Control Accuracy: ±1% Overall Dimensions: Load Frame (W x D x H): 46x 25x 86 Load Frame Weight (lbs.): 1,764 Electrical Requirements (V,HZ,PH): 200-230, 60, 1</p> <p style="text-align: center;">EQUIPPED WITH:</p> <ul style="list-style-type: none">• Computer System with Keyboard & Mouse• 24" LED-Backlit LCD Color Monitor• Microsoft Windows 10 Professional, Workstation• MTGenius, Material Testing Software for Data Acquisition (Load, Position & 2 Strain), Analysis and Computer Controlled Testing with Manual.• MTGenius, Micro Console for Sensor Excitation and Analog/Digital Signal Processing with USB Cable.• Electronic Material Testing Control System with PC Controls and Crosshead Jog Controller.• AC Servo Motor with High Precision Incremental Encoder and AC Drive Controller for Precision Control of Rate (Load, Position or Strain Rate Control)• 100kN Tension & Compression Load Cell• Upper and Lower Quick Release Adaptors for Quick Tooling Changes <p style="text-align: center;">FOB Warren, MI</p> <p style="text-align: center;">Industry Leading 2 Year Parts and Labor Warranty 30 Day Satisfaction Guarantee Return Privilege ISO 17025 Accredited Certification Hundreds of Grips, Fixtures, and Accessories Available</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.