



**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
LT-50-ST	<p data-bbox="293 359 980 386">500N LT-50-ST Miniature Vibration Test System with Slip Table</p> <p data-bbox="293 401 1422 464">(1) New Frank Bacon, Model LT-50-ST, Miniature Electro-Dynamic Vibration Test System with Power Amplifier and Slip Table.</p> <p data-bbox="602 506 1179 579" style="text-align: center;"><b>LT-50-ST (500N) Miniature Vibration SPECIFICATIONS:</b></p> <p data-bbox="293 625 724 653"><b>Force Rating (Sine):</b> 500 N (112.5 lbf)</p> <p data-bbox="293 663 760 690"><b>Force Rating (Random):</b> 350 N (79.0 lbf)</p> <p data-bbox="293 701 824 728"><b>Force Rating (Shock Peak):</b> 1000 N (225.0 lbf)</p> <p data-bbox="293 739 813 766"><b>Peak to Peak Displacement:</b> 20 mm (0.787")</p> <p data-bbox="293 777 729 804"><b>Frequency Range (Hz):</b> 1 – 4,000 Max</p> <p data-bbox="293 814 711 842"><b>Armature Diameter:</b> 70 mm (2.75")</p> <p data-bbox="293 852 699 879"><b>Armature Mass (lbs):</b> 1 kg (2.2 lbs)</p> <p data-bbox="293 890 786 917"><b>Sine Peak Acceleration (Bare Table):</b> 50 g</p> <p data-bbox="293 928 548 955"><b>Max Payload:</b> 11 (lbs)</p> <p data-bbox="293 966 540 993"><b>Overall Dimensions:</b></p> <p data-bbox="334 1003 837 1031" style="padding-left: 20px;"><b>Shaker with Slip Table:</b> 22L" x 13"W x 16"H</p> <p data-bbox="334 1041 672 1068" style="padding-left: 20px;"><b>Amplifier:</b> 20"L x 18"W x 5"H</p> <p data-bbox="293 1079 545 1106"><b>Total Weight:</b> 220 lbs</p> <p data-bbox="753 1142 1024 1169" style="text-align: center;"><b>EQUIPPED WITH:</b></p> <ul data-bbox="293 1220 1463 1318" style="list-style-type: none"><li>• 250mm x 250mm Slip Table for Testing in Both Vertical &amp; Horizontal Configurations (Weight: 10 lbs)</li><li>• 750 W Solid State Air Cooled Power Amplifier</li><li>• Signal Input for Closed-Loop Control (Vibration Controller Required)</li></ul> <p data-bbox="639 1367 1138 1394" style="text-align: center;"><a href="#">Link to Video of LT-50 Vibration Test System</a></p> <p data-bbox="626 1436 1151 1509" style="text-align: center;"><b>FOB Warren, MI 1 Year Parts and Labor Warranty</b></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.