



## Frank Bacon Machinery Sales Company, Inc.

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Stock #	DESCRIPTION
ITS-1000-16	<p>New 2.2KIP Frank Bacon Model ITS1000-16 Vibration System with Slip Table (1) New Frank Bacon, Model ITS1000-16, 2,200 lbf (9.8 kN) Electrodynamic Vibration Test System with Power Amplifier and Slip Table</p> <p style="text-align: center;"><b>Frank Bacon Model ITS1000-16 Vibration System SPECIFICATIONS:</b></p> <p><b>Force Rating (Sine):</b> 9.8 kN (2,200 lbf) <b>Force Rating (Random):</b> 7 kN (1,574 lbf) <b>Force Rating (Shock Peak):</b> 19.6 kN (4,406 lbf) <b>Peak to Peak Displacement:</b> 51 mm (2.00") <b>Frequency Range (Hz):</b> 2 – 3,000 Max <b>Armature Diameter:</b> 240 mm (9.45") <b>Armature Mass (Lbs):</b> 10 kg (22.0 lbs) <b>Sine Peak Acceleration (Bare Table):</b> 981 m/s<sup>2</sup> (100 g) <b>Max Payload:</b> 300 kg (661 lbs) <b>Voltage Requirements (V, Hz, Ph):</b> 480, 60, 3 <b>Utility Requirements:</b> 87 PSI Compressed Air</p> <p style="text-align: center;"><b>EQUIPPED WITH:</b></p> <ul style="list-style-type: none"><li>• 24"W x 24"L Aluminum Slip Table System with Base (Weight: 214 lbs)</li><li>• 20"W x 20"L Aluminum Head Expander (Weight: 62 lbs)</li><li>• ITS-M2 16 kVA Air Cooled Power Amplifier</li><li>• ITS-W1-M1 4 kW Blower</li><li>• Signal Input for Closed-Loop Control (Vibration Controller Required)</li></ul> <p 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.

MDNA | AMDA | MMA | ASTM | SAE | ASM