



Frank Bacon Machinery Sales Co.

21251 Ryan Road

Warren, MI 48091

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Stock #	DESCRIPTION
ITS-10000H-ST	<p>ITS-10000H-ST Vibration Test System (1) New Model ITS-10000H-ST, 22,000 lbf (100 kN) Electrodynamic Vibration Test System with Power Amplifier and Slip Table</p>
<p style="text-align: center;">Frank Bacon Model ITS-10000H-ST Vibration System</p>	
<p style="text-align: center;">SPECIFICATIONS:</p>	
<p>Sine Force Rating: 22,000 lbf (100 kN)</p>	
<p>Random Force Rating: 22,000 lbf (100 kN)</p>	
<p>Shock Peak Force Rating: 44,000 lbf (200 kN)</p>	
<p>Peak to Peak Displacement: 76 mm (3.00")</p>	
<p>Frequency Range (Hz): 5 – 2,000 Max</p>	
<p>Armature Diameter: 480 mm (18.89")</p>	
<p>Armature Mass (lbs.): 85 kg (187.4 lbs.)</p>	
<p>Sine Peak Acceleration (Bare Table): 981 m/s² (100 g)</p>	
<p>Max Payload: 1200 kg (2,645 lbs.)</p>	
<p>Voltage Requirements (V, Hz, Ph): 480, 60, 3</p>	
<p>Utility Requirements: 87 PSI Compressed Air, Water Supply</p>	
<p>Weight (Unpacked): 17,196 lbs.</p>	
<p>Dimensions (Unpacked): 102.4 "L x 63"W x 52.4"H</p>	
<p style="text-align: center;">EQUIPPED WITH:</p>	
<ul style="list-style-type: none">• ST-1000SM: 1000 mm x 1000 mm Magnesium Slip Table System with Base (Weight: 380 lbs) Frequency Limit: 2,000 Hz	
<ul style="list-style-type: none">• HE-1000SM: 1000 mm x 1000 mm Magnesium Head Expander (Weight: 195 lbs) Frequency Limit: 1,000 Hz	
<ul style="list-style-type: none">• VSA-H124A: 120 kVA Air Cooled Power Amplifier	
<ul style="list-style-type: none">• CU-1 Water Cooling Unit: 300L/min, Pressure .25 to .4MPa Power Supply Requirements 8kVA	
<ul style="list-style-type: none">• Water Re-Circulating Chiller	
<ul style="list-style-type: none">• Signal Input for Closed-Loop Control (Vibration Controller Required)	
<p style="text-align: center;">FOB: Warren, MI 48091</p>	
<p style="text-align: center;">1 Year Parts and Labor Warranty</p>	
<p style="text-align: center;">(Delivery: 4-6 Months)</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.