Stock #	DESCRIPTION
ITS-20000H-ST	**ITS-20000H-ST Vibration Test System**

(1) New Model ITS-20000H-ST, 44,000 lbf (200 kN) Electrodynamic Vibration Test System with Power Amplifier and Slip Table

Frank Bacon Model ITS-20000H-ST Vibration System
SPECIFICATIONS:

Sine Force Rating: 44,000 lbf (200 kN)
Random Force Rating: 44,000 lbf (200 kN)
Shock Peak Force Rating: 88,000 lbf (400 kN)
Peak to Peak Displacement: 76 mm (3.00")
Frequency Range (Hz): 2 – 2,100 Max
Armature Diameter: 650 mm (25.59")
Armature Mass (lbs.): 180 kg (397 lbs.)
Sine Peak Acceleration (Bare Table): 981 m/s^2 (100 g)
Max Payload: 2000 kg (4,410 lbs.)
Voltage Requirements (V, Hz, Ph): 480, 60, 3, 500kVA
Utility Requirements: 87 PSI Compressed Air, Water Supply
Weight (Unpacked): 17,196 lbs.
Dimensions (Unpacked): 110 "L x 68"W x 60"H

EQUIPPED WITH:

- ST-2000SM: 2000 mm x 2000 mm Magnesium Slip Table System with Base (Weight: 1,433 lbs) Frequency Limit: 2,000 Hz Random
- HE-2000SM: 2000 mm x 2000 mm Magnesium Head Expander (Weight: 1,500 lbs) Frequency Limit: 2000 Hz Random
- VSA-D214A: 210 kVA Air Cooled Power Amplifier
- CU-2 Water Cooling Unit: 600L/min, Pressure .25 to .4 MPa Power Supply Requirements 8kVA
- Water Re-Circulating Chiller System (Cooling Tower or Chiller Required)
- Signal Input for Closed-Loop Control (Vibration Controller Required)

FOB: Warren, MI 48091
1 Year Parts and Labor Warranty
(Delivery: 6 Months)