



Frank Bacon Machinery Sales Co.

4433 East Eight Mile Road

Warren, MI 48091

586-756-4280 www.frankbacon.com Email: sales@frankbacon.com

12378-00

Team Vibration Bi-Axial IEEE Test System

(1) Team Vibration Bi-Axial IEEE Test System

**Team Vibration Bi-Axial IEEE Test System
SPECIFICATIONS:**

Actuator Force (Sine) - Horizontal	18,000 lbf (80 kN)
*Actuator Force (Sine) - Vertical	18,000 lbf (80 kN)
Actuator Force (Random) - Horizontal	9,000 lbf (80 kN)
Actuator Force (Random) - Vertical	9,000 lbf (80 kN)
Static Displacement - All Axes	7.0 in (+/- 3.5 in) 178 mm (+/-89 mm)
Dynamic Displacement - All Axes	6.5 in (+/- 3.25 in) 165 mm (+/-81 mm)
Bare Table Acceleration (Sine) - Vertical	4.5 g
Bare Table Acceleration (Sine) - Horizontal	5.5 g
Bare Table Acceleration (Random) - Vertical	2.4 grms
Bare Table Acceleration (Random) - Horizontal	2.8 grms
Frequency Range	0.1 - 100 Hz
Mounting Surface	60 in x 60 in (1.5 M x 1.5 M)
Footprint (L X W X H)	179 x 84 x 72 in (4.5 x 2.1 x 1.8M)
Table Mass	3030 lbs (1374 kgs)
Moving Mass	3250 lbs (1474 kgs)

*2 Actuators Combined

Overview

Teams Bi-Axial test systems are specially designed to reproduce the exacting requirements of IEEE 344 test standards. Using Teams unique high performance servovalve-actuator combination, Team's innovative engineers have successfully created a high frequency, simultaneous dual-axis system with bandwidth capability of 3-500Hz. All IEEE-344 Test systems are fully integrated and assembled with a welded steel, air isolated reaction mass.

Features

- Reliable Hi-Frequency Servohydraulic Actuator
- Team Patented Pad Bearings
- Dual Axis Simultaneous Motion
- Integrated Seismic Base
- Air Isolated to 2Hz

Applications

- IEEE-344 Qualification Testing Large test surface area
- Maintenance free*



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- Ease of using multiple fixtures
- Built to interface with Team electronics
- IEEE test compliant**
- Single axis component testing

FOB Warren, MI

30 Day Satisfaction Guaranteed Return Privilege

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