





Vibration Test Systems

Vertical/Horizontal or Combined.

Force levels available from 2,000lbf (8.89kN) to 50,000lbf (222kN) with pk-pk displacements of 50mm or 100mm as standard (longer stroke available) and operating frequencies up to 1000Hz.

Slip Tables

For large, heavy and awkward loads, offering extraordinary load capacity, excellent cross-axis control, outstanding dynamic stiffness, and an "All Bearing" system that utilizes a low-pressure oil supply.



Rotary Vibration Tables

Converts the linear vibration of a shaker into torsional vibration, thus expanding existing shaker's capability. Can achieve torsional vibration above 1000Hz. Bench mounted product for testing disc drives, etc.

Team Tables and Hydrostatic Bearings

Team Tables are specialized hydrostatic bearings designed specifically for supporting heavy loads during vibration testing. The hydrostatic bearing carries its load on a high pressure oil film. Types of bearings include "T" & "V" bearings, Pad and Journal as well as Spherical Coupling and Hydra-ball.



Earthquake Simulation Systems

Team offers systems that simulate the ground motions of a seismic event. Typical earthquake spectra have large displacements; relatively high velocities and test specimens can be massive. These factors require the generation of high forces and create large inertial moments that must be reacted by the table mechanism without introducing distortion into test results.

Engine Simulators

The engine simulator produces torsional vibrations similar to those found on the crankshaft of an engine. Like an engine, the engine simulator produces the torsional vibrations while spinning. The system offers repeatability, can be programmed to simulate any type of engine configuration. Reduced running costs and flexible enough to test front engine accessories, harmonic dampers, clutches, transmissions, and drivelines.



6 DOF Vibration Test Systems

The “Cube” which offers “6 degrees of control” and can accurately replicates virtually any vibration environment. Forces up to 14,000lbf (62 kN), and a frequency range in excess of 250Hz. Footprint of only 1.2 x 1.2 metres. Other 6 DOF systems are available.

Four Poster Test Systems

A unique design that offers Squeak and Rattle testing of full vehicles, reproduction of test track data. Options include automatic track and wheelbase adjustment, high frequency response to 1000Hz. The individual actuator modules can be used as stand alone vertical vibration test systems.



Packaging Test Systems

The LCS-24 & LCS-48 offer repeatable vibration testing to ASTM D 999 and 4169. Totally self contained, quiet with an option of table sizes. Capable of 50 mm stroke and has a 2Hz to 200Hz frequency range.



Team - Innovation & Excellence

Over the past fifty years, advances in vibration testing have enabled product designers to predict the effects of mechanical and acoustic vibration with ever-greater accuracy. Architects, civil engineers, earth scientists, and engineers from automotive, aerospace, packaging, electronics and other fields have come to rely on vibration testing as a critical tool. The result has been a steady improvement, across many sectors of our economy, in product reliability, passenger comfort, and public safety.

Vibration testing has become an essential element in product quality. Team Corporation – the pioneer and quality leader in this exacting field – has become the most trusted name in vibration testing. Our company was founded on the principle that designing and building complex testing equipment requires an unusually high degree of teamwork between equipment designers and end users. Since 1954, that principle has served us and our customers well. Team will work closely with you to understand your requirements and preferences. We will propose a system that meets those requirements and fits within your constraints. We will be clear about the advantages and disadvantages of the system we propose, giving you the information necessary to make informed decisions. By sharing our experience with the test engineers who specify and use your system, we can help maximize performance, reduce costs, and speed delivery of your system.

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Team Corporation – Vibration Testing Equipment