

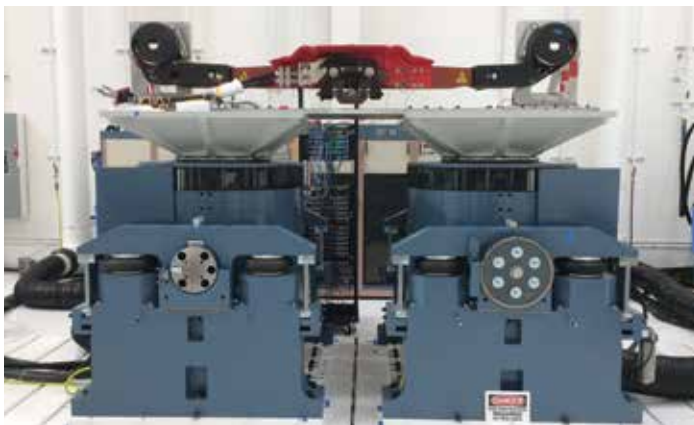
Vibration Testing



UNHOLTZ-DICKIE SHAKERS

MODEL T4000	T4000 – 1	40,000 lbf	3" Stroke
	T4000 – 2	40,000 lbf	3" Stroke
MODEL T2000	T2000 – 1	25,000 lbf	3" Stroke
	T2000 – 2	25,000 lbf	3" Stroke
	T2000 – 3	20,000 lbf	2" Stroke
MODEL R16C	R16C – 1	13,000 lbf	2" Stroke
	R16C – 2	13,000 lbf	2" Stroke
MODEL SO92	SO92	1,000 lbf	2" Stroke

Experior Laboratories' MIL-STD-790 approved and ISO-17025:2005 accredited laboratory houses multiple state-of-the-art electrodynamic shaker and shock systems that can handle the most demanding test specifications.



OVERSIZED TEST ARTICLES

For large and/or heavy test articles, vibration systems can be used in "Dual-Shaker" mode and provide a combined 80,000 lbf. Custom-made vibration fixtures and slip plates allow testing parts of almost any shape and size.



CAPABILITIES

- Sine sweep vibration: >220 G pk
- Random vibration: >175 G rms (without band splitting)
- 120+ channels of data recording
- Time history data recording up to 200kHz
- Cleanroom option available
- Combined environment testing from -67° to 170° C

APPLICATIONS

SINE VIBRATION

- Sine Dwell (*fixed freq*)
- Resonant Dwell (*phase tracked*)
- Sine Burst
- Windmilling

VIBRATION FACILITY EXPANSION

- 11,000 Square Foot Vibration Facility
- 40,000 lbf Vibration Systems for Payloads > 8,000 lbs
- 33' Ceiling Height
- 15 Ton Crane
- Clean Room Availability



VIBRATION TESTING EXPERTISE



Expor Laboratories....helping customers ensure the reliability of their products and reduce the overall time-to-market.

www.exporlabs.com



Expor Laboratories, Inc is a Southern California based, third-party test laboratory providing independent design verification and qualification testing services to component and system manufacturers, military contractors, integrators and system providers within the Telecommunication, Military, Aerospace, Space, Industrial, Medical and many other industries. Recognized throughout the industry for superior customer service, consistent on-time delivery, project management by experts and end-to-end accountability, Expor Labs offers customers cost-effective, highly qualified testing services that add value to any organization, regardless of size. © Copyright 2019 Expor Laboratories, Inc. All rights reserved.

