

Multi-Axis Shakers and Environmental Chamber



Systems and components can be tested under all customer usage and environmental conditions using road load data inputs as well as duty cycle inputs correlated to real world conditions.

Equipment

- MAST test cell is fully integrated and automated with:
 - Full six axis vibration and simulation of road load inputs.
 - Environmental chamber capable of -40degC to 100degC and high humidity.
 - Infrared sun load system capable of simulating 120degC+ surface temperatures.
 - Auxiliary conditioned air system for HVAC creak/pop testing.
 - Component cycling system for customer duty cycle simulation.
- The fully integrated and automatically sequenced test cell provides reliable and repeatable testing and can be operated 24x7.
- Simulation of road vibration, environmental inputs and component usage in one test chamber creates a real life combined effects. This can help diagnose and address design issues – leading to improved performance of the product in the areas of:
 - NVH/BSR performance
 - Durability, environmental stability and component operation
 - Fastener and assembly issues

Staff

- Experienced scientists, test engineers and technicians
- Expertise in automotive components and systems

Facilities

- System and component level testing in one location.
- A2LA accredited

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