

Top stories in this newsletter



LINK Model 3536
Biaxial Wheel Fatigue
Test Machine



LDS Vibration Test
System for E-Vehicle
Battery Durability
Tests



Portable NVH Sound
Analyser



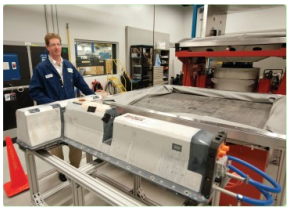
Sound Intensity by
Norsonic - a bit smarter

Biaxial Wheel Fatigue Test Machine



The LINK Model 3536 Biaxial Wheel Fatigue Test Machine is designed to run both durability and Gristmill fatigue tests with close correlation with existing certification protocols including SAE J2562. The system incorporates state-of-the-art technology to achieve optimum testing correlation with actual operating conditions for standard automotive wheel sizes. This machine is capable of running with drum operating speeds up to 1,000 rpm and wheel speeds from 1,100 to 1,500 rpm depending upon the tire size .

E-Vehicle Battery Durability Tests



Hybrid power technology development is ramping up globally in today's ultra competitive automotive industry and these technologies of the future demand vibration test solutions that can efficiently perform accelerated lifetime tests even on large and fully operational assemblies.

An LDS Vibration Test System is used for electric vehicle pre-production qualification and functional test of a complete T-shaped battery assembly designed to be mounted underneath the car. The weight of the battery unit can be upto 450kg.

Portable NVH Sound Analyser



The Voyager is a portable NVH testing device that merges multiple functional units like data acquisition, signal conditioning and storage into a powerful tablet device for vibro-acoustic data recording, visualization and analysis. The device interface is intuitive to operate and the modular applications enable easy usage by NVH experts and technicians alike. Inspired by the workflow operation, as daily used on mobile devices such as smartphones and tablets, a target was set to bring a similar approach and experience to the Voyager. Embedded software with touchscreen response allows an intuitive and user friendly operation for real-time audio playback and comprehensive sound analysis.

Sound Intensity by Norsonic - a bit smarter



The dual channel Nor150 sound analyser with large colour touch screen makes measurements significantly easier to accomplish than ever before. Connecting the intensity probe directly to the top of the Nor150 or connect via an extension cable. On board application software guides you through the ISO 9614 measurement procedure and give you results and improvement hints and tips on your screen during every step of your measurement.