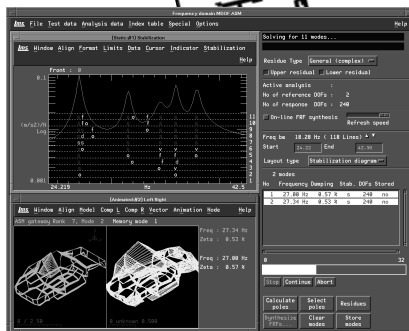
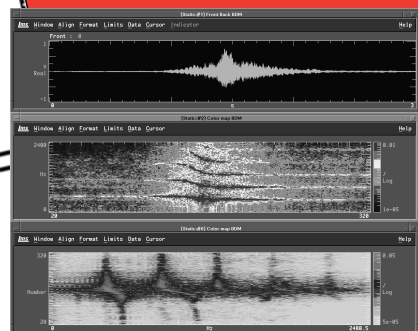


Hewlett-Packard and LMS International

The complete solution for noise and vibration engineering





HP and LMS International: Integrated Systems That Help You Stay on the Leading Edge

Start with a half century of measurement experience

For over 50 years, Hewlett-Packard has delivered test and measurement products with a reputation for value, reliability and superior performance.

Now HP is leading the world again with powerful, VXI-based open systems tailored for noise and vibration engineering.

Add leading-edge software from LMS International

Founded in 1979 in Leuven, Belgium, LMS International has become the world's foremost developer of test and analysis software for vibration and acoustics engineering.

Today, LMS International provides integrated measurement and analysis solutions for leading automotive, aerospace and advanced manufacturing companies around the world. These innovators count on LMS International for cost-effective, off-the-shelf technology that meets the specialist's demands while providing the intuitive operation that keeps technicians productive.

Depend on HP and LMS International to meet your evolving needs

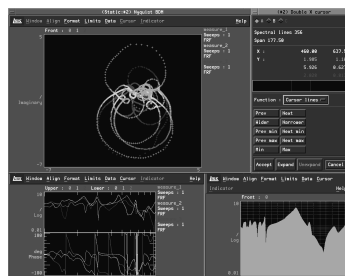
From the beginning, designers from LMS International and HP have worked together to develop powerful systems for structural analysis, rotating machinery, acoustics and vibration control applications. We constantly push the technology to make sure you have the measurement and analysis tools you need now and in the future.

The latest results of this cooperative engineering effort are flexible systems that protect your investment while delivering a level of performance unthinkable just a few years ago. The open architecture of HP VXI-based systems makes it all possible.

The industry-standard VXI platform allows incremental system upgrades as new technology becomes available. It lets you add measurement and analysis capability while retaining your customized (and familiar) user interface. And it gives you powerful networking and communication tools to transmit and receive measurement data around the globe.

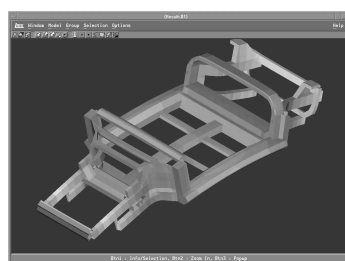
The LMS CADA-X system is a complete solution for noise and vibration engineering, with high-speed, multichannel data acquisition and a suite of integrated testing, analysis and reporting tools. The system's open architecture makes it easy to customize to your unique requirements. Combined with a cost-effective HP workstation and measurement front-ends, LMS CADA-X provides a one-vendor solution for your dynamic test and analysis needs.

Meeting Your Needs Today— and Into the Future



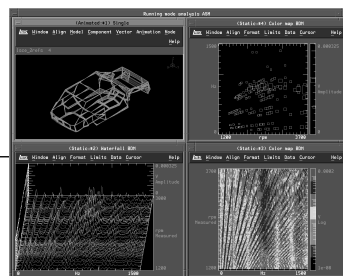
General Purpose Data Acquisition

Time Data Processing
Real-time Block Acquisition
High-speed Throughput
Sine testing



Vibro-Acoustic Modal Analysis

Impact and MIMO Random Testing
MIMO Sine and Normal Mode Testing
Structural & Acoustic Modal Analysis
FEA Correlation and Updating



Rotating Machinery Analysis

Tracked Spectral Acquisition
Computed Order Tracking
Operational Deflection Shapes
Sound Quality Engineering



Vibration Control

Sine, random and Shock
Combined (SoRoR)
Test Tailoring
Multi-axis Street Simulation
(HP 3565S only)

Giving your engineering teams the tools to succeed

Smart engineering decisions require the right information at the right time. Whether they're refining an automobile's NVH characteristics or testing the vibration modes of an aircraft, your engineers need accurate data acquisition and powerful analysis tools to get that information. These integrated systems will help your engineers create profitable, competitive products for a global marketplace.

Choose the support you need

We understand that successful engineering requires much more than just top-quality hardware and software. That's why both HP and LMS International provide a full complement of customer services, including on-line support, training courses, custom engineering and applications consulting.

Monitor

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HP E4208A System Disk

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