HanseView

Designed Specifically for Hanse Environmental Chambers

Microsoft Windows look

The Microsoft Windows operating system is the most widely used computer system today. Vibration Research's use of this system makes the software user friendly. Because ultimately you, our customers, must run the machine, we have spared nothing to create an interface that can be quickly mastered.

Chamber Control

The software works in conjunction with an external chamber controller to monitor the air temperature, product temperature, and optional humidity. The test operating profiles are entered into the HanseView software. The software then works in conjunction with the controllers, adjusting set points, and monitoring process variables.

Shaker Control

The software also controls the repetitive shock shaker. Working in conjunction with the external controller, the energy applied to your product is controlled.

Rainfall Analysis *

Rainfall analysis is performed and displayed for your information.
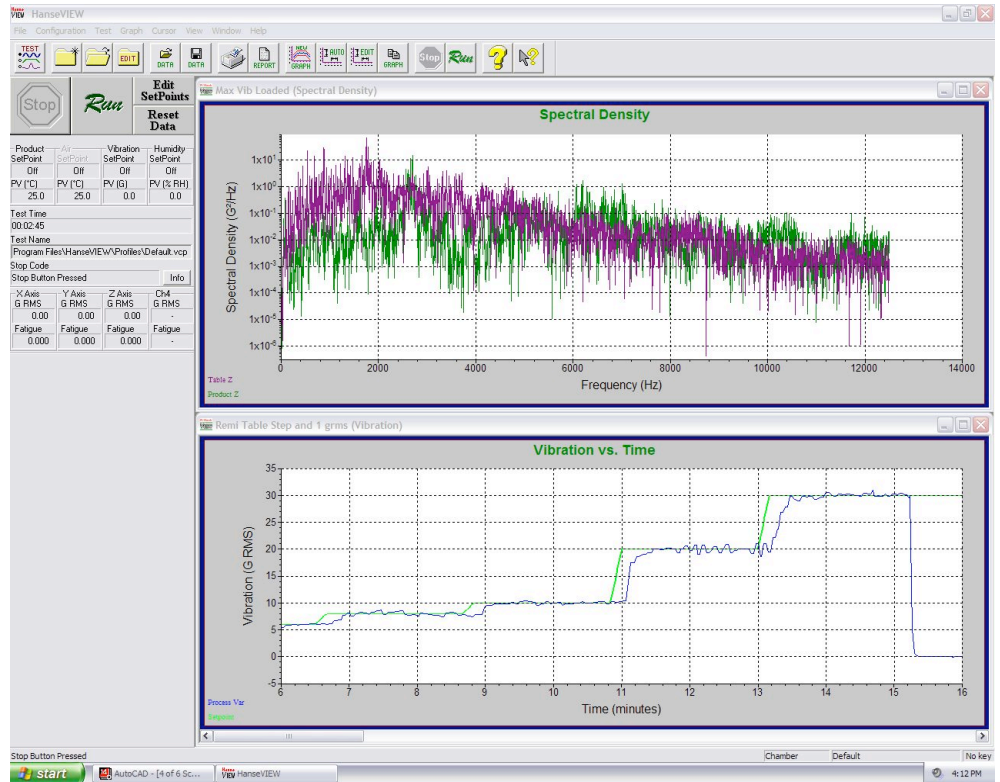
Fatigue Factor *

The rainfall analysis is used to apply Miner's rule and calculate a mechanical fatigue factor.

Accumulated Fatigue *

The fatigue factor measured over the test time will give you the accumulated (total) fatigue applied to the product.

Auto Spectrum *

The vibration waveform is captured, the fast Fourier transform applied, to see where in the spectrum the vibration energy lies.

Documents

The graphical screens can easily be imported into your documents, through the clipboard, or with Windows Meta files, or from previously stored data.

Graphic Screens

The color choices of the graphic screens can be set to your liking, or reset to the default selections.

Hardware Specifications

IOtech Input System *

A powerful IOtech data acquisition unit provides the horsepower to run the system.

Four Input Channels *

The standard system comes complete with four 16 bit input A/Ds. Additional channels can be added. See options.

Hardware Options

Additional Inputs *

Additional input channels can be added in multiples of four. They are parallel inputs, with supporting IOtech interfaces. Up to sixteen channels can be added.

Additional T/C

Additional thermocouple inputs can be added. Up to fourteen channels can be monitored and logged simultaneously.

Remote Control

The controller can be started and stopped remotely with a TTL level input signal.

Contact:
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* Available only with
HanseView with Analyzer

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