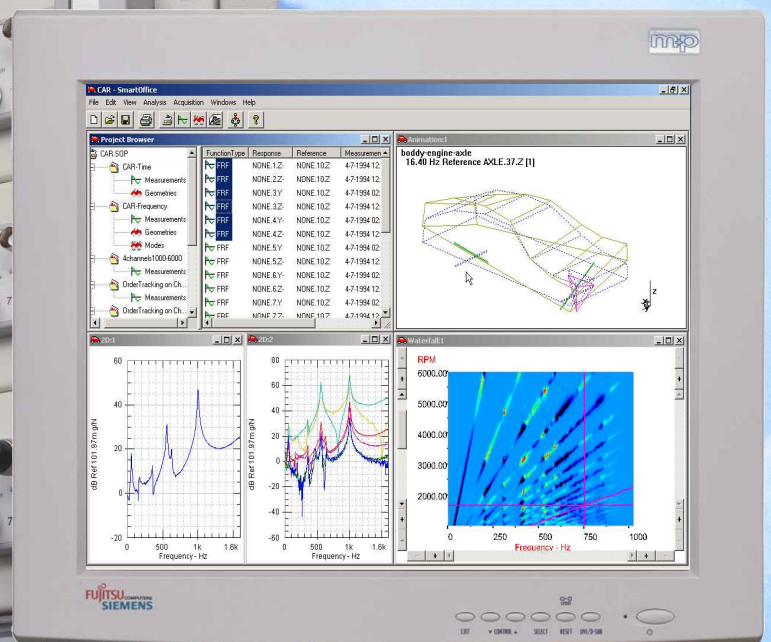


VibExec

Noise and Vibration Analysis

- ... powerful VXI hardware for multi-channel measurements
- ... signal analysis and online graphics
- ... vibration and acoustic control
- ... continuous time domain data recording
- ... offline analysis and e-Reporting





Noise and Vibration Acquisition and Analysis

The m+p international VibControl vibration control and analysis systems have been known for their efficiency and ease-of-use for many years. With the VibExec, we launch a range of solutions for multi-channel count applications. The new VibExec features will provide you:

- continuous recording of all measured data in the time domain;
- controlled excitation of noise signals and analysis of acoustical signals;
- extended analysis functions and e-Reporting.

Our VibControl products have always enabled you to simultaneously use all input channels as control, measurement and watchdog channels. The measurements were processed and saved after transformation into the frequency domain. The new digital through-put function, however, also allows you to record all channels continuously in the time domain – irrespective of the channel count and the frequency range utilized. This means that you can always access all original data for analysis purposes. Nevertheless you can still control and limit on all channels and all measured data can be visualized in the graphic display window while testing.

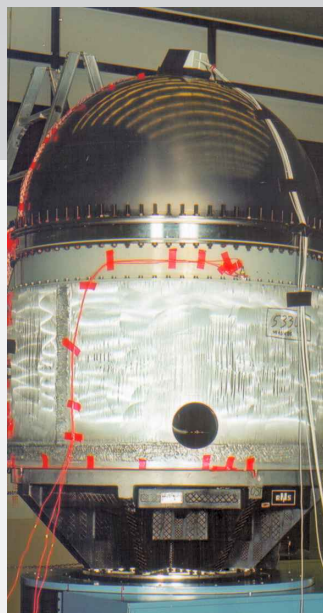
In addition, VibExec now allows for the excitation and analysis of acoustical vibrations. This is an enormous advantage for you because it considerably extends the range of applications of your system.

Also we adapted our analysis functions with increased capabilities. Our test data server supplies your analysis workstations with all test results and enables analysis without access to the measurement system. And the new e-Reporter software sets new standards of flexibility, efficiency and ease of your analyses.

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Fuel tank testing, Astrium GmbH,
EADS, Germany

VibExec

... the powerful solution for noise and vibration acquisition and analysis

- Up to 192 input channels per VXI mainframe, up to 88 kHz frequency range, 90 dB dynamic range, ICP and microphone signal conditioning, external breakout-box.
- Continuous data recording to host disk via FireWire interface or on embedded VXI disk, 2 x 70 GByte storage capacity, 30 MB/s data rate.
- Closed-loop control of mechanical and acoustical vibrations.
- Online signal analysis with VXI embedded controller, graphics display for all input channels, dual display function, limit check.
- Very efficient tools for analysis and reporting; server function for set-up data and test results; analysis of data via networked PC.



Agilent Technologies

Channel Partner



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listens to customers ...