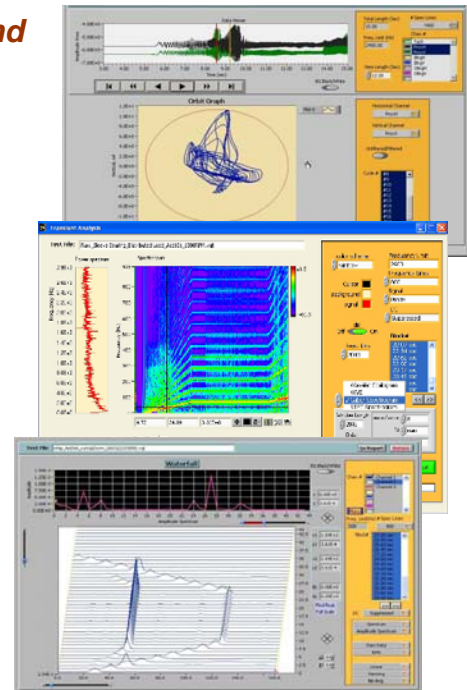


SpectraQuest introduces VibraQuest (VQ) software

- ***Innovative solution for machine diagnosis and noise & vibration***
- ***Novel software includes proprietary, advanced signal processing algorithms***
- ***High performance multi-channel data acquisition, analysis and diagnosis system***
- ***Comprehensive time & spectral calculations with powerful cursoring***
- ***Advanced rotating machinery and induction motor fault analysis***
- ***All-inclusive noise and vibration problem solution from definition to resolution***
- ***Experimental design with over thirty built-in templates***
- ***High speed data streaming, playback and data reporting features***



Press Release, March 5, 2008

SpectraQuest introduces VibraQuest, an integrated data acquisition and analysis solution package designed for diagnosing rotating/reciprocating machinery malfunctions, structural dynamics analysis and acoustical analysis. This novel software includes proprietary advanced signal processing algorithms specially designed for diagnosing faults in drivetrain components such as gearbox, bearings and rotor cracks. It integrates with XLRotor and MEScope to solve noise and vibration problems, from experimental design to the final correction. VibraQuest is capable of steady-state test, hammer/bump test, order tracking and start-up/coast-down test, data streaming to a file, time synchronous averaging, internal signal generation to verify analysis functions and system operation. VibraQuest features include time domain analysis, amplitude spectrum, auto power spectrum, cross spectrum, amplitude/power spectral density, frequency response, Impulse response, coherence, octave analysis, frequency weighting, ultra-high frequency resolution of 102.4 k spectral lines, cursor modes: main, secondary, delta, harmonics, sideband, true peak estimation, filter design methods: classical IIR/FIR filters, narrowband filter, notch/peak filter, comb filter, comprehensive statistical analysis, Bode, Nyquist, polar, orbit, waterfall plots. Advanced analysis tools such as Envelope Analysis, Spectral Kurtosis, Phase demodulation, Cepstrum Analysis, Random-periodic signal separation, Time-Synchronous Averaging, Order tracking analysis, Encoder analysis, and transmission error and torsional vibration analysis are also available.

VibraQuest provides a built-in feature to create customized reports and export them to various programs, such as Microsoft Word, Excel, and HTML format. The reports can be created simultaneously while analyzing the data to save time and maintain the continuity of the analysis. VibraQuest comes in two variants: Lite and Pro. VibraQuest Lite provides all the basic functions enabling for data acquisition and analysis, whereas VibraQuest Pro adds more advanced data analysis functions. Please download the brochure at <http://www.spectraquest.com/resources/downloads/> for more details.

About SpectraQuest

SpectraQuest is a leading developer and manufacturer of turnkey systems and products for enhancing reliability of rotating and reciprocating machinery. These products are ideal platform for research and education in machine fault diagnosis/prognosis, teaching dynamics and vibration courses, and wind turbine drivetrain studies. The distinguishing feature of SpectraQuest is a wide variety of Machinery Fault Simulators and Custom Designed Test Rigs which are sold in over forty five countries around the world. Further information is available at <http://www.spectraquest.com/>.

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