StandarALERT™

Vibration diagnostic softwate with bearing and motor database

Delta-3N Ltd.

The StandardALERTTM is an advanced vibration diagnostic software with an incredible bearing and motor database. Analysing and reporting vibration data is fast and easy with the powerful analyst tools and friendly user interface.

- Intuitive user interface that is simple to learn and operate
- Markers: Reference Cursor Delta, Harmonics, Sidebands, Fault Frequencies
- Orbit, Filtered Orbit
- Multi-level fault severity and prioritized repair recommen dations improve repair planning
- Modell-based machine analysis
- Automated bearing fault identification without requiring bearing make and model number
- Included 75,000 bearing asset library and 15,000 motor asset library
- Narrow band analysis
- Wide band analysis
- Advanced reporting tools produce professional reports
- Order Normalization, Automated
- 63 alarm bands per test location
- 99 test locations per machine
- Order Tracking
- Peak analysis and identification functions
- Polar Phase Plot
- Sideband Markers
- Single Axis and Triaxial Circular Plots
- Single Axis, Triaxial, and Double-Triax Spectral and Wave form Displays
- Time Synchronous Averaging
- Run-up / Coast-down plotting: Spectral Waterfall, Bode-Pe ak & Phase, Peak Hold
- Setup wizards reduce set up time and improve configura tion accuracy
- Rapid automated data screening using sensitive narrow-band techniques
- Early detection of machine faults through average+sigma relative criteria
- Advanced reporting tools that produce professional reports
- Machine performance determination through ALERT's calculated process points
- Integration of other PdM technologies, reports, documents, inspections, etc.
- Integrated online monitoring, walk-around vibration collection and operating logs

StandardALERT™ contains all of the manual analysis tools found in ExpertALERT. The software automatically screens your data for alarms or exceedances in up to 63 alarm bands per test location and up to 99 test locations per machine. This software is appropriate for those on a budget or who have machines or applications that lend themselves better to manual analysis.

Graphical Capabilities

- Amplitude Alarm Triggering: Impact Demod Spectra and, Waveform, Overall Values, Spectrum, Waveform
- Automated Peak Locator: Harmonics, Order Normalization, Sidebands
- Average Baseline Comparison: Synthesized Average, Average plus sigma
- Bode Plot
- Bump Test: Equipment ON, Equipment OFF
- Customized Real-time Setup
- Graphical Remote Control Window
- Hotkeys & Hotspots
- Integration & Differentiation
- Long-time Data Capture
- Markers: Reference Cursor Delta,Harmonics, Sidebands , Fault Frequencies
- Nyquist Plot
- Order Tracking
- Peak Analysis and Identification Functions
- Phase Analysis: Cross Channel, Polar Phase Plot
- Run-up / Coast-down plotting: Spectral Waterfall, Bode-Peak & Phase, Peak Hold
- Spectrum:Single Axis, Triaxial, Double-Triax, Demodulation, Waterfall, Native, Integrate, Double integrated, Decibel
- Time Synchronous Averaging
- Waveform: Autocorrelation, Single Axis, Triaxial, Double-Triaxial, Orbit, Filtered Orbit, Poincare Map, Single Circular Graph, Triaxial Circular Graph, Waterfall with Correlation Factor, Native, Integrated, Double- integrated
- Long time Data Capture
- Cross Channel Phase Analysis

www.delta3n.hu

+36-75-510-115 @ info@delta3n.hu H-7030 Paks, Jedlik Á. u. 2.