



SPM Instrument presents Leonova Emerald[®]

SPM Instrument, Sweden, today announces the launch of Leonova Emerald[®], a new data collector in the Leonova line of portable instruments and sibling to the Leonova Diamond[®] released in October, 2012.

Condition monitoring the SPM way is uniquely easy to learn and to utilize. Highly advanced measuring techniques, optimized for a minimal and smooth learning curve, quickly brings your maintenance department up to speed, providing organized management for large numbers of routine measurements. Immediate, on the spot condition evaluation is also a trademark of all SPM measuring devices.

Leonova Emerald[®] is a portable instrument for industrial maintenance. Ideal for daily use in rough environments, it is the ultimate frontline tool for maintenance engineers and technicians. Leonova Emerald[®] takes the hassle out of managing large measuring routes and recording vast amounts of measurement data. Multiple options are available to speed up the measurement process and render instrument operation more effective. A rugged workhorse for routine measurements and troubleshooting tasks, this versatile, high-performance data collector has the capacity to optimize the efficiency of your condition monitoring program.

Providing reliable and actionable information on the condition of critical machinery, Leonova Emerald[®] enables optimal coordination of maintenance and repairs. With cutting-edge technology and rugged design, Leonova Emerald[®] will provide many years of reliable service under the toughest, most demanding circumstances. For use in hazardous areas and hostile environments, an intrinsically safe version is available.

Leonova Emerald[®] comes with the patented and award-winning SPM HD[®] measuring technique for condition monitoring of rolling element bearings. Capable to reliably measure machine condition in the 1-20.000 RPM range, the method brings to light machine problems which are impossible to monitor with traditional vibration measurement techniques.

Alongside SPM HD[®], Leonova Emerald[®] also offers highly sophisticated vibration analysis capabilities. The instrument boasts an excellent signal-to-noise ratio and provides razor-sharp spectrums

Press release



even where signals are weak and low in energy content. The 0 to 20 KHz frequency range covers most needs in practical vibration measurement.

Leonova Emerald[®] incorporates highly advanced and innovative order tracking functionality. The powerful HD Order Tracking, applicable in an RPM range from just a few to thousands of revolutions per minute, enables more precise measurements and more detailed spectrums than ever before. On machinery operating under variable speed, vibration analysis with HD Order Tracking provides reliable data and crystal clear measuring results also under large RPM variations. For corrective maintenance, dynamic balancing can be added to the instrument as an optional module.

The powerful Condmaster[®] Ruby software fully supports the Leonova Emerald[®] features, providing setup of personalized default settings for the instrument and all the expert knowledge needed to evaluate machine condition. Condmaster[®] Ruby is modular and system functionality can be tailored to specific customer needs.

Stefan Lindberg, Managing Director of SPM Instrument, comments on the introduction of the new instrument: "Leonova Emerald[®] is a data collector engineered for performance. The full range of sophisticated measuring techniques with supporting diagnostic and troubleshooting capabilities makes it the perfect frontline tool for industrial maintenance."

For technical details, please visit:

www.leonovabyspm.se
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