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## **The next generation of portable machine vibration assessment tool: SKF Wireless MicroVibe**

**SKF launches the SKF Wireless MicroVibe that allows users to safely, quickly and easily assess any problems with their machinery. The vibration assessment tool is suitable for analysing rotating equipment. Portable, compact and lightweight, this versatile and easy-to-use tool offers reliable and fast wireless (WiFi) data collection.**

In conjunction with a tablet or smart phone, the new SKF Wireless MicroVibe provides the functionality of basic vibration data collection and analysis. It's the perfect entry-level, cost-efficient solution for machine vibration measurements, root cause analysis, and small route-based data collection.

"The wireless sensor will help our customers assess data in a much easier and quicker way than other comparable technology on the market. Anyone who owns a tablet can check the condition of a machine to ISO standards or bearing condition or by user defined alarms. They can even start a simple condition monitoring programme for their rotating machinery with this entry level solution", says Torsten Bark, SKF Product Line Manager.

Once the judgment call of the overall vibration measurements results in an alert or danger, the FFT spectra and waveforms function will provide information to help indicate the root cause of the vibration.

2/...SKF Wireless MicroVibe

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The SKF Wireless MicroVibe, CMVL 4000-EN, allows multi-point automation for faster data collection. The data collected, assessed and stored includes enveloped acceleration, acceleration, velocity and displacement, in both FFT spectrum and time waveform displays.

Should vibration measurements (based on ISO vibration severity standard and SKF bearing condition evaluation) trigger an alarm, FFT spectrum analysis enables engineers to pinpoint problems such as unbalance, misalignment, bearing, or any other cause. Transferring all this vibration data to a computer, it will also store and recall measurements for trending and further analysis.

The SKF Wireless MicroVibe is a wireless data collection and assessment tool that fits the user's pocket in terms of both portability and price.

*SKF is a leading global supplier of bearings, seals, mechatronics, lubrication systems, and services which include technical support, maintenance and reliability services, engineering consulting and training. SKF is represented in more than 130 countries and has around 15,000 distributor locations worldwide. Annual sales in 2013 were SEK 63,597 million and the number of employees was 48,401. [www.skf.com](http://www.skf.com)*

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