HARDWARE AT-A-GLANCE:

VIBRATION SENSOR

YOUR MACHINES TALK. HERE'S HOW WE LISTEN.

Optimized for low power use, the KCF Wireless "V3" Vibration Sensors use easily replaceable batteries and KCF Technologies' proprietary wireless protocol to transmit a **full vibration spectrum over the air on a NEARLY-CONTINUOUS BASIS.**

KEY FEATURES:

RELIABLE MONITORING	FLEXIBLE CONFIGURATION	COST-EFFECTIVE
Vibration Sensor Nodes provide health **monitoring in the most hard-to-reach, rugged locations.** Each node communicates wirelessly with **SMARTdiagnostics®** Software for viewing and analysis.	**The system is highly configurable and scalable.** A system can have thousands of sensor points, each of which can be configured to transmit data on a user-selected frequency with unique indicators.	**Easily installed without the downtime, expense, and labor costs of old-fashioned, hard-wired sensors.** Simply place the sensors where you need them and within minutes they'll transmit data.

The KCF V3 wireless vibration sensor enables cost-effective predictive maintenance for industrial equipment. The system provides continuous remote monitoring of key performance indicators to track the operating health of equipment in even the most rugged manufacturing settings.

KEY FACTS:

- Our most commonly-deployed sensor.
- Measures **bi-axial vibration** and **temperature**.
- It has **2048 lines of resolution**, and sample data can be taken anywhere from **64 to 8192 Hz**, which means we can **tailor the sampling of individual sensors** to match each machine's running characteristics, and the types of faults we might expect to see.
- **POWERFUL MAGNETIC BASE** makes install simple. Stick it on a monitoring point; no tools required.
- Where magnetic mounting won't work, there is a **¼-28 stud mounting feature**.
- Has an **IP68 rating**, and **withstands temperatures from -4° to 167° Fahrenheit.**
- Runs on an **inexpensive CR123A battery**, which **CAN LAST UP TO SEVERAL YEARS** depending on sampling interval and ambient temperature.