

## **Fluke makes predictive maintenance simple, safe and fast through wireless condition monitoring solutions**

By using the capacity of cloud-based software to combine the real-time and historical data from Fluke Connect™-enabled tools and sensors, Fluke now enables maintenance engineers and managers to monitor a comprehensive picture of equipment health throughout the facility. The introduction of condition monitoring products that wirelessly transmit data from the field, combined with Fluke Connect Condition Monitoring (FCCM) software, has enabled safe, cost-effective maintenance programs. Maintenance teams can remotely detect potential equipment failures and remedy them before they cause costly downtime. Predictive maintenance is now not only simplified, but it is safer and faster. More information can be found at:

<http://www.fluke.co.uk/powermonitoring>

### **Monitoring to prevent downtime**

Monitoring all plant equipment can be difficult, especially when working with shrinking budgets and limited personnel. Quite often, critical equipment in commercial and industrial settings may display symptoms that indicate a future failure, but those indications go undetected. While many critical pieces of equipment may have fixed monitoring systems, many other important assets, such as pumps, heat exchangers, compressors, motors and blowers, may not be monitored and can require an extra level of monitoring to identify intermittent events. For this less critical, but still essential equipment, it isn't always possible to catch events before they result in failure or downtime. This is where condition monitoring can help.

### **Wireless sensors for new maintenance programs**

Fluke's latest condition monitoring systems are easy to install and move around. They are changing the way the industrial world performs maintenance activities with portable, wireless sensors and connectivity gateways - a versatile system that a team can easily move around a plant. This technology enables teams to continuously monitor assets, so they can log vibration, electrical and temperature data from anywhere in a facility. The measurements can be monitored via real-time alarms sent to a phone or other mobile device. By correlating historical trends and tracking current conditions, faults can be detected, and equipment uptime increased.

**Monitor asset health anytime, anywhere**

Fluke has introduced two new condition monitoring products that alert maintenance team members to abnormalities before they cause equipment failures. The new Fluke™ 3561 FC Vibration Sensor is quick and easy to install and allows maintenance teams to improve uptime by adding remote, continuous vibration monitoring to virtually any rotating equipment. Vibration data from the 3561 FC is wirelessly transmitted via a Fluke 3502 FC Gateway to Fluke Connect™ Condition Monitoring (FCCM) software allowing maintenance teams to remotely monitor asset health anytime and virtually anywhere, whether on the desktop or a smart device. The new Fluke 3540 FC Three-Phase Power Monitor is a portable device offering a scalable, remote power monitoring solution. Current, voltage, frequency, and energy consumption fluctuate when machinery experiences excess load. The Fluke 3540 FC monitors equipment for changes in key electrical variables, thus assets can be screened for performance, premature wear, or power cleanliness.

Information about all Fluke products can be obtained via the Fluke web site at [www.fluke.co.uk](http://www.fluke.co.uk).

**Notes:**

Fluke's mission is to be the world leader in compact, professional electronic test tools. The company's products are used by technicians and engineers in service, installation, maintenance, manufacturing test, and quality functions in a variety of industries throughout the world. Fluke, founded in 1948, currently has offices in 13 European countries and distributes its products to over 100 countries internationally. The company's European revenues contribute approximately 40% of worldwide sales. Fluke's headquarters are located in Everett, Washington State and the company employs over 2,500 people internationally. Its European sales and service headquarters are located in Eindhoven, The Netherlands.

Visit Fluke's website at <http://www.fluke.co.uk>

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