

APPLICATION NOTE

5 ways the Fluke Condition Monitoring system can improve your maintenance program

Regardless of size, maintenance departments today often have a hard time finding sufficient resources—skilled labor, time and budget—to meet demands. As a result, the prioritization of equipment maintenance tasks is more crucial than ever. In many cases, critical assets have built-in sensors that provide early indications of problems that need to be addressed. These are the assets that bring a whole production line to a standstill if they breakdown. But what about those assets that are also important to your operation but do not have built-in sensors? These are vital unmonitored assets that help keep the plant running. Equipment such as pumps, heat exchangers, compressors and blowers typically do not have automated monitoring sensors that indicate a potential problem.

Nuisance events from these assets can create a slippery slope as maintenance teams chase down the next mid-tier equipment breakdown, rarely getting ahead of never-ending to-do lists. This leads to a “run to fail” approach, resulting in unbudgeted expenses, unpredictable outcomes, and unexpected equipment failure.

This is where the Fluke Condition Monitoring 3500 FC system comes in. The system includes voltage, amps, temperature and power sensors that can be moved from asset to asset and left in place for over four weeks. These sensors collect and stream valuable equipment information that you can access with your mobile device or computer.

Here are five ways the Fluke Condition Monitoring 3500 FC system helps strengthen your maintenance program:

1. Provides continuous monitoring for any of your equipment.

Total production shutdown is every maintenance person’s nightmare. In order to prevent this, the Fluke Condition Monitoring system continuously saves power and temperature measurements. For over four

Top FIVE

1. Provides continuous monitoring for any of your equipment
2. Helps get to the root cause faster
3. Monitors equipment from anywhere
4. Delivers real-time alarms
5. Features fast and cost-effective set up and maintenance

weeks in one place, sensors continuously send data that syncs with your computer or mobile device.

2. Helps get to the root cause faster.

You can use your own technicians to move the Fluke Condition Monitoring system from asset to asset. By leaving the sensors in place and employing continuous monitoring, it is easier to troubleshoot and identify intermittent events. It is also possible to conduct point measurement for troubleshooting, commissioning and calibrating, as needs arise.





Quickly identify events based on measurement data and visualize measurements over time to determine comprehensive asset health.

3. Monitors equipment from anywhere.

Finally you and your technicians can be in more than one place at one time as you can place sensors and walk away (for up to 40 days). Redeploy your team to a more productive project now that you can eliminate daily/ hourly readings. You can also monitor your equipment using real-time measurements and quickly identify where a recorded event or events have exceeded a user set threshold.

4. Delivers real-time alarms.

You can set the threshold options and assign who will be notified if the threshold is exceeded. Real-time alarming means users are notified when the defined threshold being exceeded.

5. Features fast and cost-effective set up and maintenance.

The Fluke Condition Monitoring system is easy to install and can be moved with your own technicians. The sensors have no screens, which maximizes battery life. By spreading a number of sensors over a series of equipment, more comprehensive monitoring is possible, without the expense of a fixed system.

With a robust and cost-effective solution such as the Fluke Condition Monitoring system you have an equipment monitoring solution that is easy to set up and maintain. This in turn allows you to focus on uptime and finally tackle the never-ending to-do list that keeps you up at night.

Fluke. *Keeping your world up and running.®*

Fluke Corporation
PO Box 9090, Everett, WA 98206 U.S.A.

Fluke Europe B.V.
PO Box 1186, 5602 BD
Eindhoven, The Netherlands

For more information call:
In the U.S.A. (800) 443-5853 or
Fax (425) 446-5116
In Europe/M-East/Africa +31 (0) 40 2675 200 or
Fax +31 (0) 40 2675 222
In Canada (800)-36-FLUKE or
Fax (905) 890-6866
From other countries +1 (425) 446-5500 or
Fax +1 (425) 446-5116
Web access: <http://www.fluke.com>

©2016 Fluke Corporation.
Specifications subject to change without notice.
Printed in U.S.A. 6/2016 6008094_en

Modification of this document is not permitted without written permission from Fluke Corporation.