



# On the technology timeline, where does your PdM program belong?

Every day there are new innovations to make our tasks easier and more efficient in the work place. So why risk the success of your PdM program on yesterday's technology? With the GO EMERSON trade-in program, you can take advantage of the latest technology for data collection, analysis, and communications. Trade in your existing route-based vibration system for the CSI 2140 Machinery Health Analyzer.

## Introducing the CSI 2140

With the CSI 2140, Emerson resets the bar for speed and efficiency in both data collection and advanced testing of a broad range of equipment in your plant. With more than 25 years of experience, Emerson's latest release continues to be best-in-class:

- Simultaneous four-channel data collection moves you quickly through your collection route and makes easy work of advanced testing.
- New Lithium-Ion battery provides the longest battery life available.
- Collect all three bearing data collection orientations simultaneously using the fastest four-channel analyzer available on the market.
- Thinnest unit, lightweight, and comfortable for single hand operation.
- Wireless and Bluetooth capabilities enable communications from the field to the office, or from the analyzer to accessories..

## How does your analyzer compare?

When contemplating trading in your existing analyzer for Emerson's CSI 2140, there are some important things to consider...

**The CSI 2140** delivers simultaneous four-channel data collection.

- Four-channel + phase collection
- Four -channel route collection
- Four -channel displacement measurements for dual orbits on sleeve bearings
- Four -channel transient analysis
- Four -channel impact testing
- Four -channel cross-channel analysis
- Four -channel ODS/modal testing
- Four -channel balancing
- Plotting of spectrum and waveform for all four channels (8-plots)

**The CSI 2140** is designed for all-day comfort.

- Comfortable, thin form factor – only 1.5” thick (38mm)
- Largest screen available at 7.5” (190.5mm)
- Bright, crisp color display readable in both bright sunlight and dark environments
- Easy touchscreen navigation
- 30% faster than other analyzers for less time in the field
- Comfortable, non-slip neoprene shoulder strap
- Longest lithium ion battery available, 10+ hours of work time.

**The CSI 2140** delivers powerful analysis tools.

- Emerson's unique PeakVue technology for early detection of bearing and gear faults
- Pre-configured Analysis Expert troubleshooting tests
- Colored alarms
- Fault frequencies
- Up to two years of parameter trends
- Waveform autocorrelation to determine random or periodic impacting
- AC Motor Analysis

**The CSI 2140** makes use of wireless communication.

- Bluetooth headphones eliminates cables that can catch on equipment
- Load and unloading routes wirelessly from the field

## How to GO EMERSON

Trade in your competitors out-dated technology (portable analyzer and software) to receive a 35% discount toward the purchase of a CSI 2140 and AMS Suite: Machinery Health Manager software. Contact your local Emerson representative for a quote!

### Emerson Process Management

#### Asset Optimization

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