



## CSI 9420 Smart Wireless Field Starter Kit

### THE EASIEST WAY TO EXPERIENCE THE VALUE OF SMART WIRELESS MACHINERY HEALTH DIAGNOSTICS

#### PREDICTIVE DIAGNOSTICS FOR ROTATING AND MECHANICAL EQUIPMENT

Adding vibration monitoring has never been easier. Emerson offers a complete starter kit that will allow you to experience the benefits of wireless vibration monitoring for your hard-to-reach or cost prohibitive machinery such as pumps, motors, fans and compressors.

The standard starter kit includes three CSI 9420 Wireless Vibration Transmitters and the AMS Suite: Machinery Health Manager predictive diagnostics software. You can customise the CSI 9420 Smart Wireless Field Starter Kit to match your needs, like adding extra transmitters, the AMS Wireless SNAP-ON™ application to plan and troubleshoot your network, and adding to any existing infrastructure if it doesn't already exist.

#### CSI 9420 WIRELESS VIBRATION TRANSMITTER

The CSI 9420 connects quickly and easily to any machine to deliver vibration information over a highly-reliable, self-organizing Smart Wireless network. Designed to measure overall vibration and temperature, the CSI 9420 includes Emerson's patented PeakVue technology that detects transient stress waves and determines fault severity.

- Obtain early detection of imbalance, misalignment and looseness
- Discover rolling element bearing and gear defects
- Uncover pump cavitations
- Prioritise and plan maintenance activities

Experience the benefits of wireless vibration monitoring with the CSI 9420 Smart Wireless Field Starter Kit.



Emerson's Smart Wireless solutions extend PlantWeb's predictive intelligence into areas that were previously out of physical or economic reach, opening the door for new possibilities in process improvement.

# CSI 9420 Smart Wireless Field Starter Kit

## WHAT IS INCLUDED IN THE STARTER KIT?

Each standard CSI 9420 Smart Wireless Field Starter Kit (part no. A9420PK2) comes with:

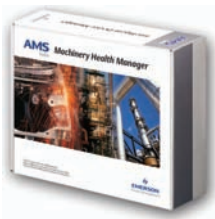
### WIRELESS VIBRATION TRANSMITTERS

Each standard WirelessHART™ CSI 9420 comes with a LCD screen and 2 armoured low powered accelerometers fully certified for ATEX. The starter kit comes with 3 devices as standard with the opportunity to add further transmitters.



### PREDICTIVE DIAGNOSTICS SOFTWARE

AMS Machinery Manager delivers the predictive diagnostics from the CSI 9420 in a graphical, easy-to-use format. Acquisition of high resolution Spectrum and Waveforms allow for in-depth analysis. Advanced functionality like bearing fault frequencies (database of over 80,000 bearings) and automatic location of harmonic families are available besides a vast amount of user features.



Complementary to the standard Starter Kit are additional technologies and services that add to the value of monitoring the health of your mechanical machinery.

### SMART WIRELESS GATEWAY

A secure, robust Smart Wireless Gateway communicates between the CSI 9420 WirelessHART devices and AMS Machinery Manager.



### WIRELESS NETWORK PLANNING APPLICATION

The AMS Wireless SNAP-ON application provides additional value to manage, plan, and troubleshoot your wireless network.



### SERVICES

Emerson's SmartStart™ Services experts will install AMS Machinery Manager and connect to the Smart Wireless Gateway to get your wireless network up and running.

**WirelessHART**

## WHAT IF I ALREADY HAVE PART OF THIS STARTER KIT?

You are already on the way to experiencing the power of wireless! If you already have version 5.41 or higher of AMS Machinery Manager then you can remove this from the standard Starter Kit package.

### REQUEST A QUOTATION TODAY

Simply contact your local Emerson sales representative and they will be able to provide you with a quotation based on your specific requirements.



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