

Sensei

MACHINE VITALS



Monitor and Maintain: The Machine Vitals™ Advantage

A smart enhancement for any maintenance toolkit, ensuring smooth equipment operation and constant monitoring for peace of mind.

Machine Vitals is designed to redefine how maintenance and reliability personnel approach the monitoring and upkeep of equipment. It is not just another gadget; it's a practical solution.

Machine Vitals provides real time data that equips maintenance teams with the ability to monitor equipment performance continuously, detecting even the subtlest changes that could signal potential issues. This ensures that your equipment's health is always under watch, drastically reducing the likelihood of unforeseen breakdowns.

The device is simple to install and versatile enough to be used in a wide range of environments. It seamlessly integrates with a variety of equipment, providing a straightforward, user-friendly experience. This integration transforms the way maintenance teams interact with their equipment, fostering a more proactive and informed approach to equipment management.



Monitors equipment health in realtime.



Detects potential issues early.



Compatible with various equipment.



Provides actionable data insights.



Enhances maintenance decision making.



Reduces unexpected equipment downtime.

Benefits:

- Eliminate non-value added inspections
- Enable condition based maintenance
- Access to new data
- Helps with labor shortages
- Validate repairs and changeovers
- Minimize personnel risks
- Monitor multiple parameters in one device
- Early detection of issues
- Discover hidden problems



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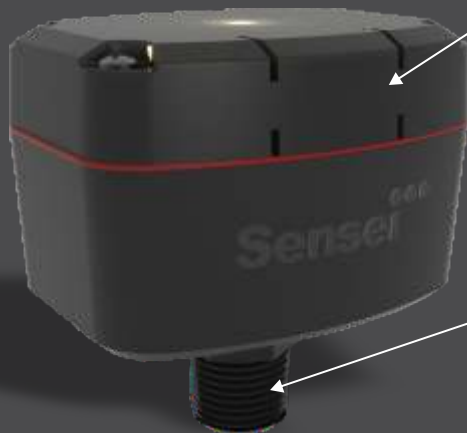
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Eight Sensing Parameters in One

Machine Vitals monitors key sensory parameters and empirical data to detect potential issues. Gain insights into equipment performance and anomalies. Compare external atmospheric conditions to internal ones for easy identification of unfavorable trends. Make proactive maintenance decisions from your desktop from the insights provided through the Sensei Platform.



Machine Vitals connects via Bluetooth using the Trico Mobile App or through an infrastructure using a cellular or Ethernet/LAN Sensei Gateway.

External Conditions

External (ambient) condition measurements enable users to monitor the external environment and assess its impact on equipment performance.



Temperature



Humidity



Pressure

Internal Conditions

Internal (headspace) monitoring to track internal conditions, for measuring, analyzing trends, and receiving alerts regarding conditional parameters.



Temperature



Humidity



Pressure



Acoustic



Acceleratory
Variance

Power at Your Fingertips



Streamlining with Digital Solutions

The Trico Companion Mobile App is designed to seamlessly integrate with Trico's digital solutions, such as Sensei® or the Orbital® Oil Analysis portal. It enables users to input companion information and activities, enhancing the overall functionality of these platforms.

Mobile App Functionality:

- ➔ Quick and easy installation with guided instructions and system pairing
- ➔ Easy add other devices to network
- ➔ Record maintenance activities
- ➔ Input pertinent information
 - Equipment type
 - Reservoir size
 - Oil type
 - Environment
 - Breather type
 - Seal type
 - Oil inspection equipment
 - Operating speeds



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For more information on Machine Vitals - scan the QR code.

