

TECO Machine Health Management (MHm) and Smart Motor - TECO Electric Motors Australia and New Zealand

Canonical: <https://electricmotors.teco.com.au/product/teco-machine-health-management-mhm-and-smart-motor/>

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TECO Machine Health Management (MHm) and Smart Motor

Elevating Performance Through 24/7 Monitoring and Smart Solutions

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24/7 Real Time Machine Health Monitoring (MHm)

Energy over-consumption alert

Interactive Diagnostic

Operation Trending Report

Functional Data Reporting – real time on demand pre-set time reporting

Remote Alarms

Over Value Alarm

Sudden Change Alarm

Trending Alert

Pre-set Time Alert

Fully Mobile App

The Data Acquisition and Diagnostic Unit features the following:

Remotely monitor Functional status (winding and bearing temperature, 3D vibration data voltage, current, power factor, kW etc...)

Receive data (warnings and alarms, diagnostics, root cause suggestions)

RS 485 signal conversion allowing online reporting of parameters such as pressure and flow

Smart Vibration Gauge provides 3D data in time and frequency domain which are selectable from remote smart phone

Easy installation of various types of vibration gauges as stick on, screw and magnetic suction types.

Portable Vibration diagnosis instrument comes with two integrated vibration sensors (RS485), an IoT Gateway with built in Wi-Fi and mobile power pack that is easy to set up and use via the iOS and Android compatible smart phone app

The essence of Machine Health Monitoring (MHm) is to make "Mobile Maintenance" possible. Mobile Maintenance (MM) is a more advanced approach to maintenance compared to preventive maintenance

(PM). Currently, preventive maintenance (PM) is the main maintenance concept.

This technology enables interactive maintenance to be performed at any time and in any place.

The savings are substantial.

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MHm keeps machines working at optimum conditions, with highest productivity and lowest energy consumption.

These benefits generated by maintenance automation contribute directly to the reduction of manufacturing costs.

24/7, real-time monitor of critical motors

Optimal motor performance.

Boost efficiency.

Reduce unforeseen operational interruptions.

Shorten repair and recovery time after defect

Optimum electrical power consumption

181024 mhm and pro-3200 foldout.pdf Teco-Smart-MHM-2019_v01_en

TECO-Motor-Vibration-Meter-VB-100 TECO-Motor-Vibration-Meter-VB-800

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Features

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Smart Motor Features

Fully Mobile App

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Brochures

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