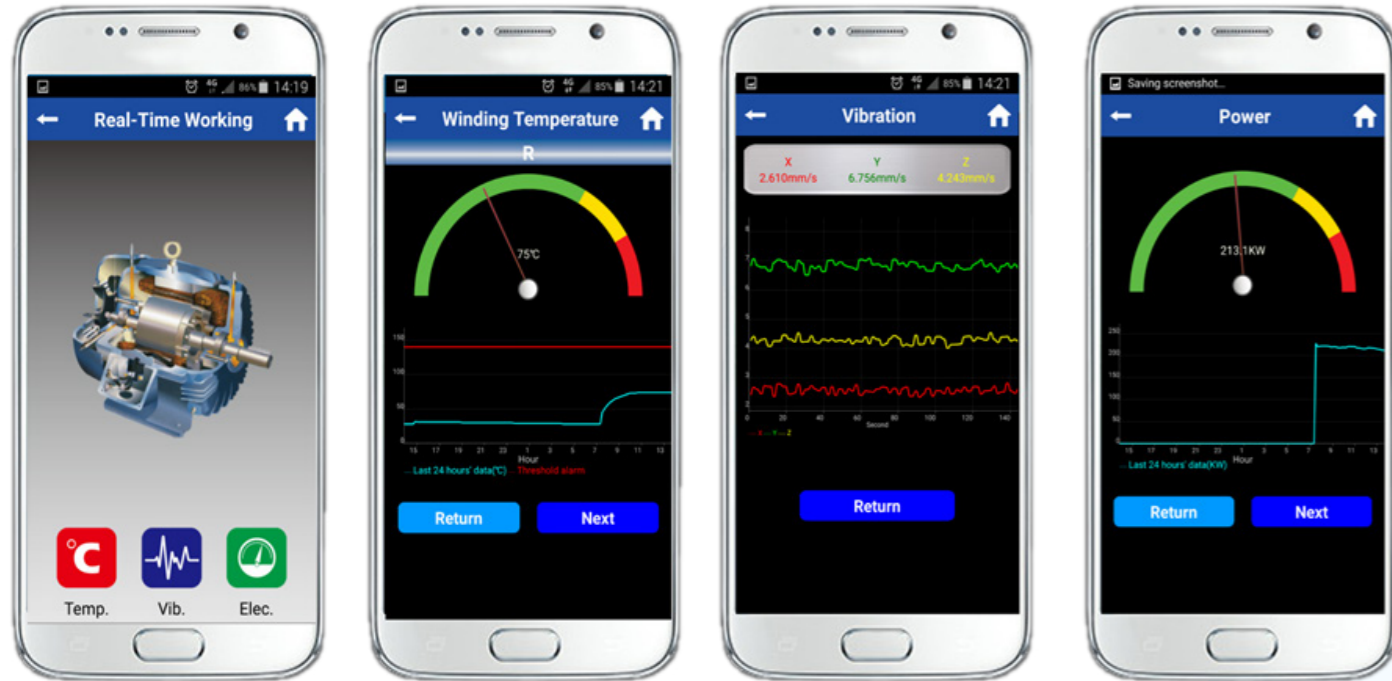


1 REAL-TIME MONITORING MMK - Smart Motor

Manage the machine's 5 vital signs: Temperature, Vibration, Power, Voltage and Current



App screenshots

Temperature

Vibration

Power, Voltage, Current

BENEFITS:

- Check the machine's operating status, anytime, anywhere.
- Help predict machine defects through trending data.
- Interactive expert diagnosis and cross-comparison.
- Improve uptime and productivity.
- No more wake up calls in the middle of the night.
- Be in real control of your plant's maintenance schedule.

- Avoid costly unscheduled shut downs.
- Avoid costly breakdowns and catastrophic failures.
- Save BIG in repair time and cost.

The MMK includes*:

- 1x Vibration Gauge
- 5x Temperature Sensors
- 1x IoT Gateway with built-in WiFi
- 1x Smart Electric Meter
- Instructions to access the mobile app



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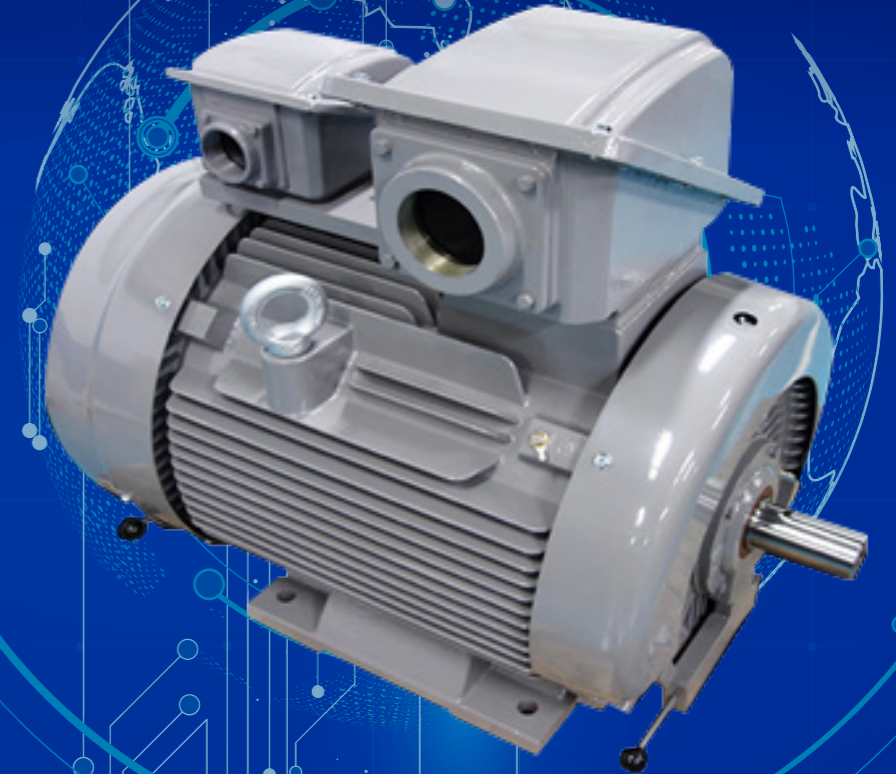


Machine Health Management

Industry 4.0 Ready, MMK - IoT Smart Motor, Real-Time Monitoring

&

PRO-3200 All-Smart Portable Vibration Diagnosis Kit



*variations to kit composition may be effected without prior notice.

E&EO The information in this flyer is subject to change without notice.

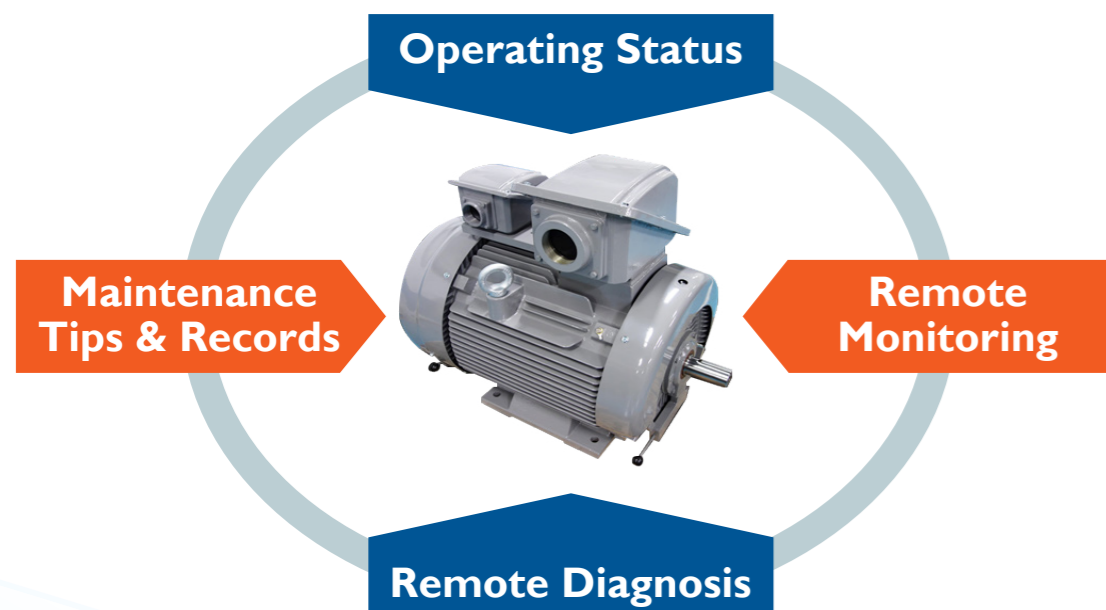
TECOMHM-102018

1 MMK - Smart Motor

Long-Term Monitoring

The TECO "Smart Motor MMK" lets you know when things are not quite well with your motor, so that you are in control of maintenance requirements in real time 24/7. The Kit is factory installed or retrofitted. It reports on the machine's operational status every second on 24/7 basis, using IoT technology to work remotely with a smart phone providing real-time monitoring and interactive diagnosis, giving you complete peace of mind.

With Teco Smart Motor MMK, you are in total control.



1. Collect real-time data via smart sensors
2. Generate early warning, diagnosis, root-cause analysis, and provide repair records
3. Report and receive data via internet direct to smart mobile devices



2 Pro-3200 Portable

Vibration Diagnosis Instrument

TECOM's "All-Smart Portable Vibration Diagnosis Instrument" is an IoT ready portable vibration measurement instrument. It contains IoT (Internet of Things) gateway, smart vibration sensors, and a standard mobile power-pack. The gateway connects up to 4 sensors, and its built-in WiFi allows simultaneous use by up to 20 technicians. No subscription required. It is easy to use, simply connect your phone to the wifi and follow the app screens.

Easy to install and use. Vibration sensors are available in three types.



Stick-on or magnetic type
(standard with the Pro-3200 kit)



Screw type



Magnetic-suction type

Important Features

Time-Frequency Selectable -

Both time-domain and frequency-domain vibration signals are selectable via smart phones.

Plug-and-Play -

The IoT device is powered by a mobile power pack and the data is delivered via wireless Wi-Fi connections. No power cords or network wires are needed, just plug and play: amazingly easy to use.

All-in-One -

The Pro-3200 integrates vibration measurement, analysis and diagnosis all into one.

The application of IoT technology to the Smart Vibration Sensors allows vibration data logging and diagnosis to IOs and/or Android mobile devices.

SMART GUIDED DIAGNOSIS

Pro-3200 Portable

The Pro-3200 can detect:

- Bearing failure via Kurtosis analysis
- Un-balance
- Misalignment
- Soft foot
- Lose parts

These items represent 90% of motor vibration failures.

The Pro-3200 Kit includes:

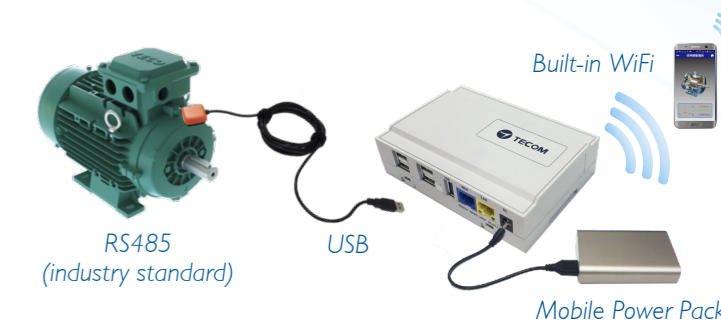
- 2x Magnetic Vibration Sensors (USBs)
- 1x IoT Gateway with built-in WiFi
- 1x Mobile Power Pack
- Instructions to access the mobile app

The Pro-3200 can measure:

- 3-axis RMS vibration velocity.
- FFT data: look into the vibration energy distribution on frequency domain with guided diagnosis tools.
- IoT and Smart Phones work together on the interactive diagnosis.
- Optionally record all measured data and diagnosis results, for condition monitoring.



Pro-3200
TECOM CO., LTD.
Free



Simply plug in the sensors and the mobile power pack to the Gateway

iPhone Screenshots

