

9084 Smart Trend Analyzer Analyzes, **Interprets and TRENDS Machine Condition... With Wireless Charging**

BENEFITS

- · Find machine faults before they stop your machine
- · Increase productivity and lower maintenance costs

FEATURES

- · Collect vibration data
- · Trend data using VibTrend software
- Standard Cable mounted accelerometer with magnet
- USB docking station to download to a PC
- ISO built-in Alarms
- · Easily identify bearing problems with BDU Reading
- · Easily identify problems with built-in band filters:
 - 1X (unbalance)
 - 2X (misalignment)
 - 3X (looseness)
- 800 line FFT (spectrum)
- · Wireless charging
- Ruggedized IP67 case
- 3-year Limited Warranty

Smart Vibration Analyzer









9084 on charger

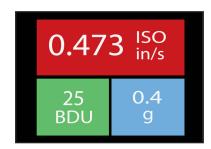
The TPI 9084 is a simple, easy to use, low cost vibration meter that records, analyzes and displays vibration signals at the push of a button.

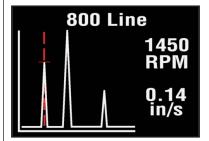
VibTrend software gives you greater ease of use and flexibility.

- Store analyze and report on all your vibration parameters in one place.
- All information is just a click away. Color coded alarms highlight problems. Trend lines show problems before they happen.

Overall machine and bearing conditions:

vibration values are displayed with color coded alarm levels for ISO values and Bearing Damage Units (BDU).





Identify complex issues: 800-line spectrum with zoom and cursor.

Size: H 7.95" W 2.36"Weight: 9.8oz (280g)

Environmental:
 o Water: IP67 Waterproof

o **Operating:** $32^{\circ}F$ to $122^{\circ}F$ ($0^{\circ}C$ to $50^{\circ}C$) o **Storage:** $-4^{\circ}F$ to $158^{\circ}F$ ($-20^{\circ}C$ to $70^{\circ}C$)

• Power supply: Lithium ion wireless charging

 Battery life between charges: 1,500 measurements or approximately 50 hours of normal use

• Frequency ranges: ISO: 2/10Hz - 1kHz

g: 10Hz - 10kHz BDU: 1kHz - 10kHz

• Accuracy: +/-5%

• Frequency resolution: 800 lines

- Displayed amplitude units: Acceleration in g / velocity in inches per second or mm per second / Bearing damage in BDU
- · Displayed frequency units: Hz, CPM or RPM
- · Displayed displacement: Peak or peak to peak
- Input range: +/- 50 g
 Dynamic range: 96 dB
- Auto set up of VA bands
- Accelerometer connection: 5 pin MIL connector cable with magnet and temperature sensor
- Communication: Bluetooth or USB docking station and cable to PC; data integration using VibTrend software
- Standard accessories: A9100 Low power accelerometer with A9105 cable, and magnet, A9081A docking station with USB cable, Standard software and carrying case and A9086 Protective boot with magnets.

