



# 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 with charger and cord



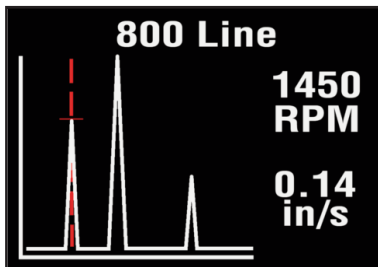
9084 on charger

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°F to 122°F (0°C to 50°C)
  - o **Storage:** -4°F to 158°F (-20°C to 70°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.

**VibTrend**  
powerful easy to use  
asset management and  
fault diagnosis software  
Compatible with windows  
7 and above