



# 9080 Smart Trend Meter Analyzes, Interprets and TRENDS readings...

9080 Data Sheet 0613

## BENEFITS

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

## FEATURES

- Collect data
- Trend data using VibTrend software
- Standard Cable mounted accelerometer with magnet
- Built-in Bluetooth communication capability
- 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)
- Listen to bearing noise with optional Bluetooth headphones
- Ruggedized IP67 case
- 3-year Limited Warranty

## PUT THE TPI 9080 TO WORK:

- Commercial & Industrial HVAC
- Food Processing
- Manufacturing
- Mining
- Packaging
- Petrochemical
- Pulp and Paper
- Power Plants
- Utilities
- Automotive

## New VibTrend



**VibTrend Standard Software**

**Identify the vibration problem: unbalance, misalignment or looseness; in addition to the bearing condition**



## Optional A9082 Combo: Stroboscope, Tachometer and Flashlight



1. **Stroboscope:** freezes moving parts.
2. **Tachometer:** flash rate is automatically stored as the run speed.
3. **Flashlight:** hold the strobe button down for 2-seconds turns the light on.

# Test the TPI Advantage

[www.testproductsintl.com](http://www.testproductsintl.com)



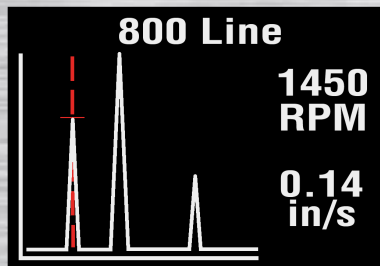
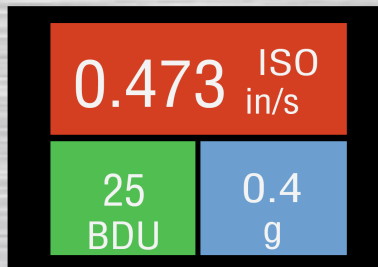
# 9080 Smart Trend Meter

The TPI 9080 is a simple, easy to use, low cost vibration meter that records, analyzes and displays vibration signals at the push of a button.

**VibTrend standard software gives you greater ease of use and flexibility. Windows 7™ compatible**

- Store analyze and report on all your vibration parameters in one place; up to 10 assets with 10 readings per asset standard; unlimited assets with 10 readings per asset with optional A9084 VibTrend Pro software.
- 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 (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 (0C to 50C)
  - o **Storage:** -4°F to 158°F (-20C to 70C)
- **Power supply:** 2xAA batteries
- **Battery life:** 2-years standby, 1,500 measurements or approximately 50 hours of normal use
- **Frequency ranges:** ISO: 2/10Hz - 1kHz  
g: 2Hz - 10kHz
- **Frequency resolution:** 100 / 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
- **Input range:** +/- 60 g
- **Dynamic range:** 96 dB
- **Auto set up of VA bands**
- **Accelerometer connection:** BNC connector cable with removable magnet (1mV/g - 10,000mV/g)
- **Communication:** Bluetooth or USB docking station and cable to PC; data integration using VibTrend software
- **Reading storage:** 10 assets/10 readings per asset standard; unlimited assets/10 readings per asset with optional A9084 VibTrend Pro software
- **Standard accessories:** A9012 IEPE accelerometer with cable and A9073 magnet, A9081 docking station with USB cable, A9083 VibTrend Standard software and carrying case.
- **Optional accessories:** A9082 Strobe/Flashlight, A9084 VibTrend software Pro version, A9080 Bluetooth headset, A9072 4-inch stinger and A9086 Protective boot with magnets

**Industry approved ear defenders with built-in Bluetooth headphones are also available to let you listen to the bearing noise - or even listen to your phone!**

**VibTrend powerful easy to use asset management and fault diagnosis software**

The Vib Meter 9080 and VibTrend is the latest easy to use high specification maintenance tool offering high level functionality and capability at extremely low cost.