

# **Fipi**

## **9080-Ex** Intrinsically Safe Smart Vibration Meter Analyses, Interprets and TRENDS readings...

#### **BENEFITS**

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

#### **FEATURES**

- Collect data
- Trend data using VibTrend software
- Intrinsically Safe cable mounted accelerometer with
- 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
- 1-year Limited Warranty

#### PUT THE TPI 9080-Ex To Work:

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



Intrinsically Safe Certificate Numbers: IECEx BAS 16. 0131X Baseefa 16ATEX0182X

to the bearing condition



### **9080-Ex Intrinsically Safe Smart Vibration Meter**

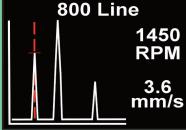
The TPI 9080-Ex is a simple, easy to use, low cost vibration meter that records, analyses and displays vibration signals at the push of a button.

VibTrend standard software gives you greater ease of use and flexibility. Windows 10<sup>™</sup> compatible

- Store analyse and report on all your vibration parameters in one place; unlimited assets with 10 readings per asset with A9084 VibTrend Pro software supplied as standard
- 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 202mm (7.95") W 60 mm (2.36")
- Weight: 280g (9.8oz)
- Environmental:
  - Water: IP67 Waterproof
  - **Operating:**  $(-20^{\circ}C \le Ta \le +40^{\circ}C)$
  - ✤ Storage: -20°C to 70°C (-4°F to 158°F)
- Power supply: 2xAA batteries (Energizer L91)
- 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:** unlimited assets/10 readings per asset with A9084 VibTrend Pro software as standard
- **Standard accessories**: A9093 Intrinsically Safe accelerometer and magnet, A9081 docking station with USB cable, A9083 VibTrend Standard software and carrying case.
- Optional accessories: A9072 4-inch stinger, A9080 Bluetooth headset

The 9080-Ex can be used with non-intrinsically safe accessories in non-hazardous areas. Only the 9080-Ex and A9093 intrinsically safe accelerometer should be taken into hazardous areas.

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!



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