



# 9080-Ex Intrinsically Safe Smart Vibration Analyzer Analyzes, 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 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)
- Ruggedized IP67 case
- 1-year Limited Warranty

## Put the TPI 9080-Ex to Work:

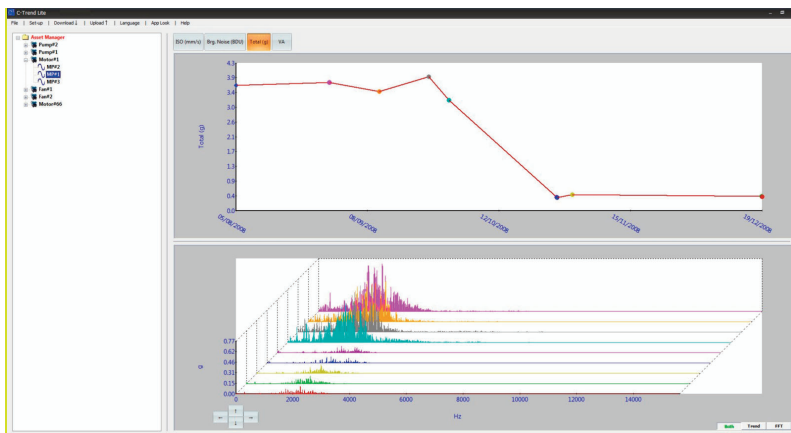
- Commercial & Industrial HVAC
- Food Processing
- Manufacturing
- Mining
- Packaging
- Petrochemical
- Pulp and Paper
- Power Plants
- Utilities
- Automotive

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

## Intrinsically Safe Smart Vibration Analyzer



## VibTrend Pro Software



## Intrinsically Safe



Class 1 Division 2

IEC Ex/ATEX

Ex ib IIC T4 Gb

(-20°C ≤ Ta ≤ +40°C)

Certificate Numbers: IECEx BAS 16.

0131X Baseefa 16ATEX0182X

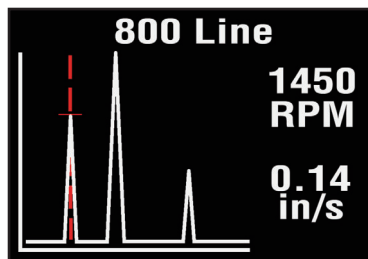
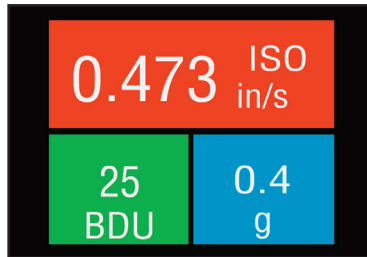
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The TPI 9080-Ex is a simple, easy to use, low cost vibration meter that records, analyzes and displays vibration signals at the push of a button.

**VibTrend standard software gives you greater ease of use and flexibility. Windows 10™ compatible**

- Store analyze and report on all your vibration parameters in one place; 1000 assets with 10 readings per asset with 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).

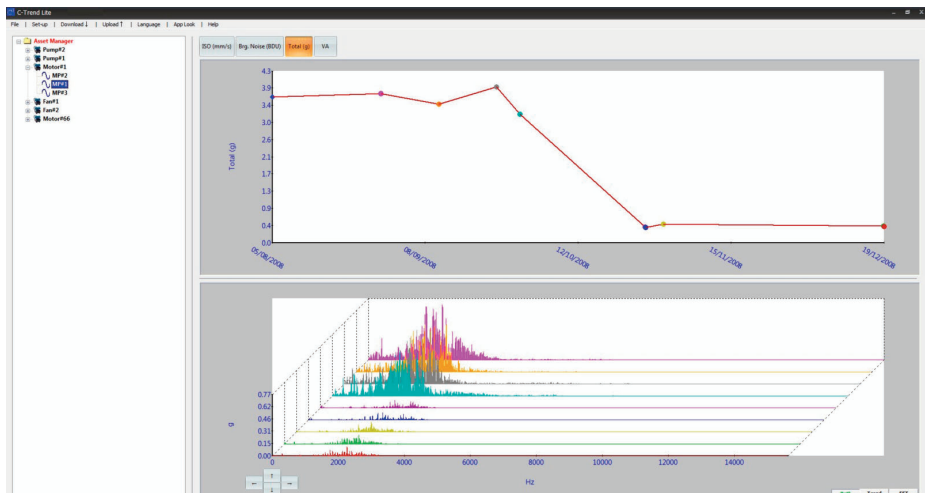


**Identify complex issues:** 800-line spectrum with zoom and cursor.

- **Size:** H 7.95" W 2.36"
- **Weight:** 9.8oz (280g)
- **Environmental:**
  - o **Water:** IP67 Waterproof
  - o **Operating:** -4°F to 104°F (-20C to 40°C)
  - o **Storage:** -4°F to 158°F (-20C to 70°C)
- **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:** +/- 50 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:** 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
- **Standard accessories:** A9093 Intrinsicly Safe accelerometer and magnet, A9081A docking station with USB cable, A9084 VibTrend Pro software, carrying case and A9095 boot.
- *Only the 9080EX with A9095 boot installed and the A9093 intrinsicly safe accelerometer should be taken into hazardous areas.*

## Includes VibTrend Pro software

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



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.