



9070 Smart Vibration Meter

Vibration analysis at the touch of a button

Machinery Health Monitoring Tools from testproductsintl.com • 800.368.5719

BENEFITS

- 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
- 3-year Limited Warranty

FEATURES

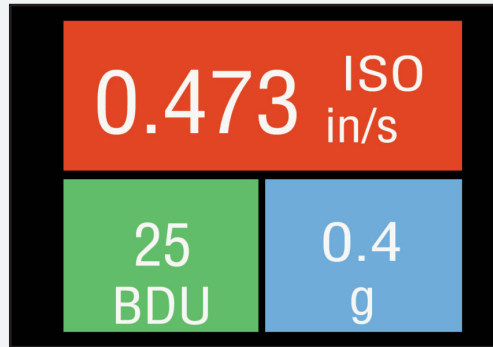
- Full Color OLED Display
- Built-in accelerometer with stinger. Optional long stinger and magnetic mount available

MARKETS

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

9070
Product Sheet-P
04.12

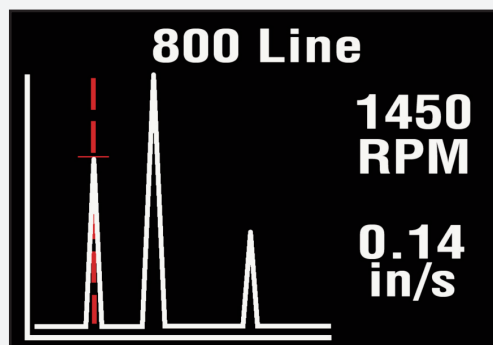
Analyze and Interprets readings...Incredible performance at an unbelievably low price



Overall machine and bearing conditions: vibration values are displayed with color coded alarm levels for ISO values and Bearing Damage (BDU).



Easy vibration analysis: clear picture of machine problems detected with built in band filters: 1X (unbalance) 2X (misalignment) 3X (looseness)



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



Photo Actual Size

Test the TPI Advantage

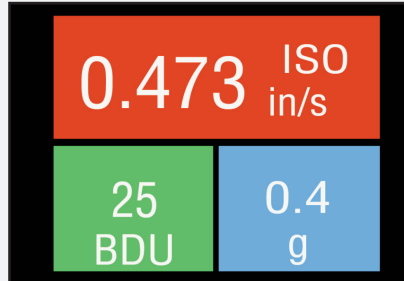


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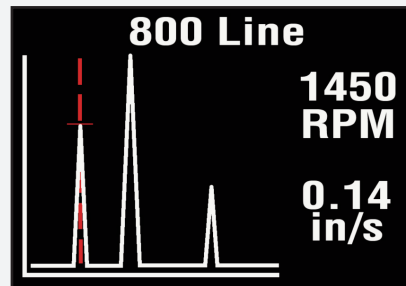
The TPI 9070 is a simple, easy to use, low cost vibration meter that records, analyze and displays vibration signals at the push of a button.

Overall machine and bearing conditions: vibration values are displayed with color coded alarm levels for ISO values and Bearing Damage (BDU).



Easy vibration analysis: clear picture of machine problems detected with built in band filters:
1X (unbalance)
2X (misalignment)
3X (looseness)

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



- Advanced
- Back
- BDU Settings
- Units
- Device Settings

Readings are easily saved and recalled with all alarm levels and settings stored in non-volatile flash memory. Run speed and machine type are entered with the simple to use Setup Wizard.

It really couldn't be any easier to use!
Just 2 buttons - take reading and menu Plus left and right scroll arrows.

- **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:** Approximately 50 hours of normal use
- **Frequency ranges:** 2/10Hz - 1kHz ISO
2Hz - 3kHz
- **Frequency resolution:** 100 / 200 / 400 / 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:** 72 dB
- **Auto set up of VA bands**
- **Accelerometer connection:** Internal sensor
- **Standard accessories**
 - o Pouch with protective cap for pointed stinger
- **Optional accessories:**
 - o Magnet

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