



# 9071 Smart Vibration Meter BNC Cable Accelerometer with Magnet

## BENEFITS

- Built-in ISO Alarms
- Find machine faults before they stop your machine
- Increase productivity and lower maintenance costs

## FEATURES

- Full Color LED Display
- Standard Cable mounted accelerometer with magnet
- ISO built-in Alarms
- Easily identify bearing problems with BDU Reading
- Easily identify machine faults with built-in band filters:
  - 1X (unbalance)
  - 2X (misalignment)
  - 3X (looseness)
- 800 line FFT (spectrum)
- Ruggedized IP67 case
- 3-year Limited Warranty

## PUT THE TPI 9071 TO WORK:

Commercial & Industrial HVAC

Food Processing

Manufacturing

Mining

Packaging

Petrochemical

Pulp and Paper

Power Plants

Utilities

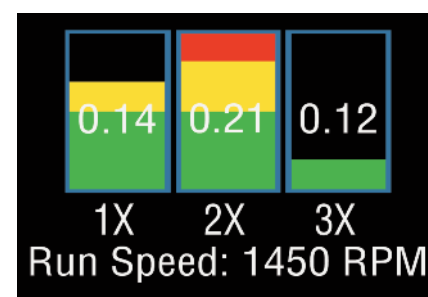
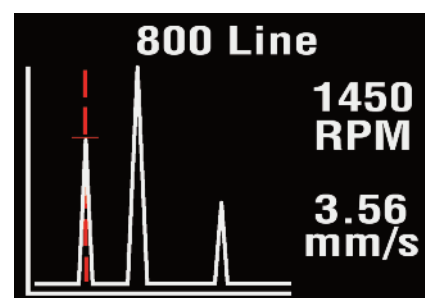
Automotive

## ANALYSE • INTERPRET • SAVE

### Vibration analysis at the touch of a button!

TPI 9071 analyses & interprets readings: ISO machine alarms and BDU reading indicate overall machine and bearing condition; clear picture of 1X (unbalance) 2X (misalignment) 3X (looseness) machine problems; 800-line spectrum with zoom and cursor to identify complex issues.

Collect and store test data. Storage space for 200 readings. Stored readings can be displayed for analysis.



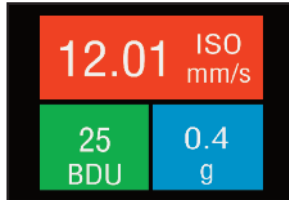


# 9071 Smart Vibration Meter BNC Cable Accelerometer with Magnet

The TPI 9071 is a simple, easy to use, low cost vibration meter. Record, analyse and display 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)

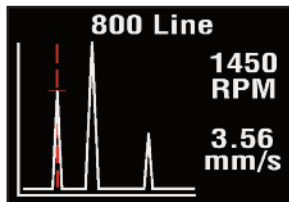


### Easy vibration analysis:

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.

- **Size:** 200 mm x 60mm x 26mm
- **Weight:** 280g (not including magnet)
- **Environmental:**
  - \* **Water:** IP67 Waterproof
  - \* **Operating:** 0°C to 50°C
  - \* **Storage:** -20°C to 70°C
- **Power supply:** 2xAA batteries
- **Battery life:** Approximately 50 hours of normal use
- **Frequency ranges:**
  - 2/10Hz - 1kHz ISO
  - 2Hz - 10kHz Total g
  - 1kHz - 10kHz Bearing Analysis
- **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 (with supplied accelerometer)
- **Dynamic range:** 72 dB (0.05g resolution)
- **Auto set up of VA bands**
- **Measurement storage:** 200 readings
- **Accelerometer connection:** BNC connector cable with removable magnet (1mV/g - 10,000mV/g)
- **Standard accessories:** A9012 IEPE accelerometer with cable, A9073 magnet and A9074 Soft pouch
- **Optional accessories:** A9086 Protective boot with magnets

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

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