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

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.

9070 Smart Vibration Meter
Vibration analysis at the touch of a button

Machinery Health Monitoring Tools from testproductsintl.com • 800.368.5719

Test the TPI Advantage

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9070 Smart Vibration Meter

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- Size: H 7.95" W 2.36"
- Weight: 9.8oz (280g)
- Environmental:
  - Water: IP67 Waterproof
  - Operating: 32°F to 122°F (0C to 50C)
  - 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
  - Pouch with protective cap for pointed stinger
- Optional accessories:
  - Magnet

Top button with circle:
- Press to power ON
- Press again to take a reading
- Auto OFF one minute after last reading, unless time OFF is changed in power time OFF in user settings

Left and right cursors:
- Move cursor in FFT mode
- Select set up in Menu mode

Menu Setup button:
- Press and it cycles through main big number screen, VA screen (Unbalance, Misalignment and Looseness)
- FFT, FFT zoom *2, FFT zoom *4, FFT zoom *8 and back to start.

Press and hold Setup Menu to set:
- ISO filter 2/10Hz
- ISO alarm level
- Units of measure: Metric/English
- Run speed (Metric defaults to 1500 CPM/English 1800 CPM)
- Frequency axis CPM (default) or Hz
- Screen brightness
- Power time OFF (programmable)

Left and right buttons select options and Menus accepts change