



The Smart Vibration Meter 9070

Machinery Health Monitoring Tools from testproductsintl.com • 800.368.5719

BENEFITS

- ISO Built-in Alarms
- Easily identify bearing problems with BDU Reading
- Easily identify balance, alignment, looseness problems with our built in band filters
- 800 line FFT (spectrum)
- Ruggedized IP67 case
- 3-year Limited Warranty

FEATURES

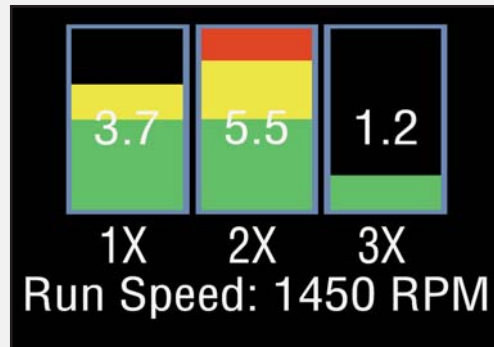
- Full Color OLED Display
- Built-in accelerometer with interchangeable stinger and magnetic mount

MARKETS

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

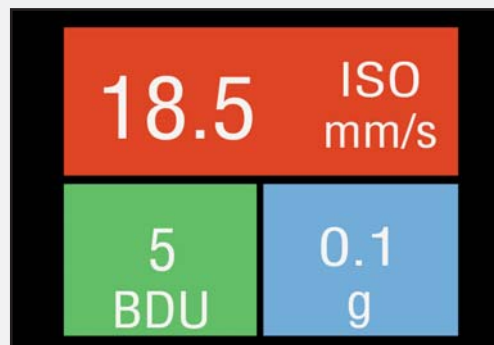
9070
data sheet
01.12

- Easy
- Rugged
- Smart
- Affordable

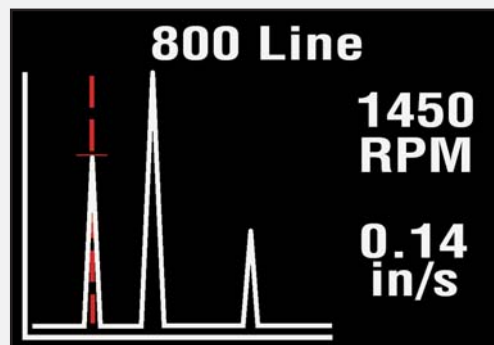


Turn the Complex into Complete Comprehension

Have a clear picture of basic machine problems right in front of you by simply entering speed.



Easy to use ISO machine alarms along with Bearing Damage (BDU) Reading to tell you overall machine and bearing condition.



800 line spectrum with zoom and moveable cursor to help Identify more complex machine problems.

Only \$495.00



Photo Actual Size

Test the TPI Advantage

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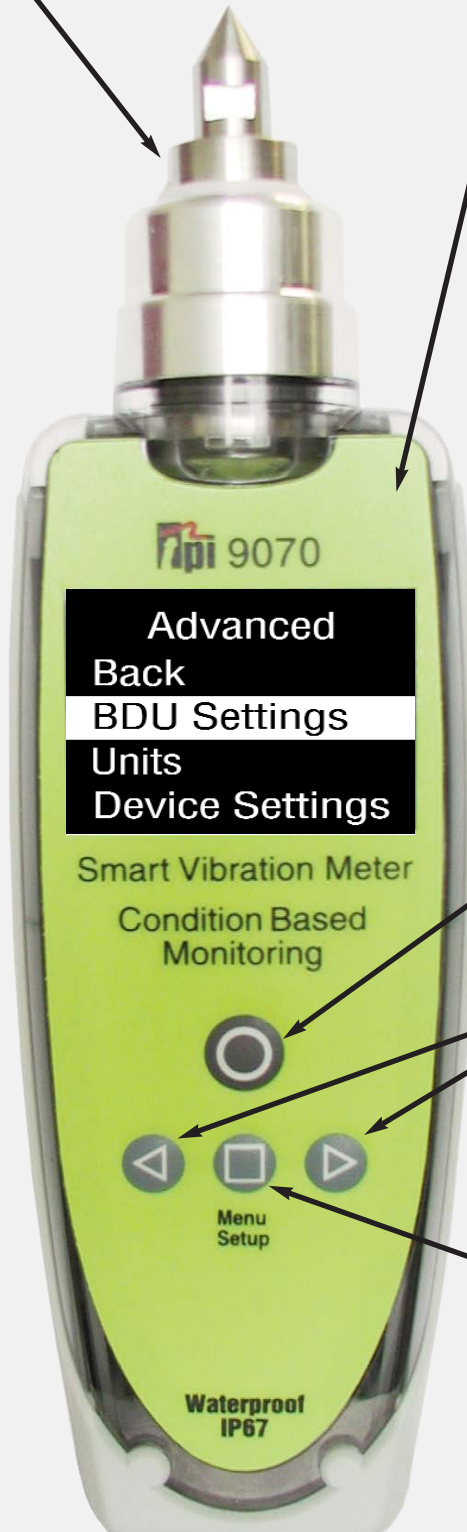


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Stinger tip accelerometer with standard 1/4 x 28 threads. Various length stingers or magnets can be used

Full color high contrast OLED display



Advanced
Back
BDU Settings
Units
Device Settings

Smart Vibration Meter
Condition Based
Monitoring



Menu
Setup

Waterproof
IP67

- **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 Extended stinger
 - o 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 Menu accepts change

Photo Actual Size