Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

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)
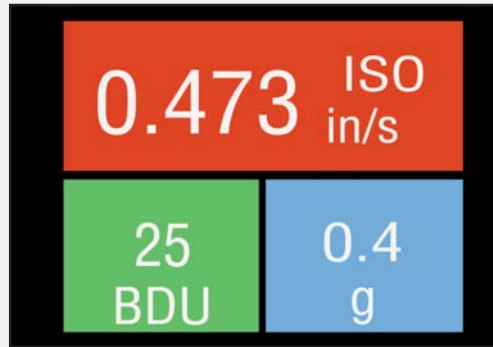- Ruggedized IP67 case
- 3-year Limited Warranty

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
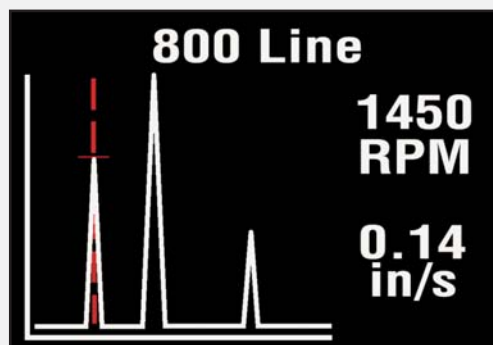- Automotive

9070
data sheet
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.
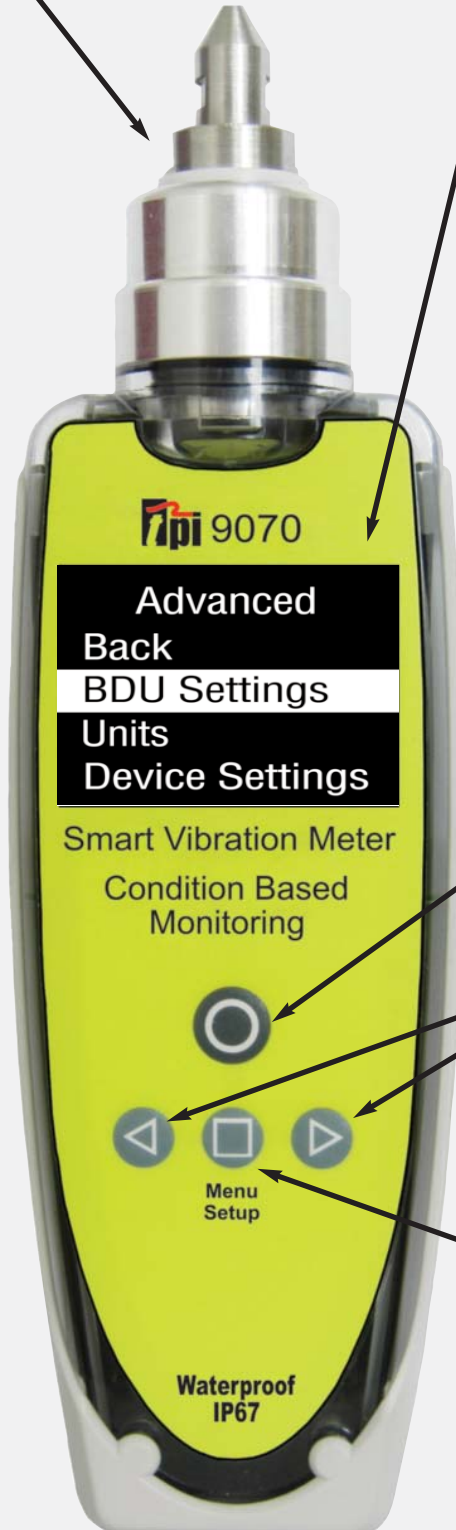

Photo Actual Size

Test the TPI Advantage

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

Full color high contrast OLED display

- **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

7pi 9070

Advanced
Back
BDU Settings
Units
Device Settings

Smart Vibration Meter
Condition Based Monitoring

Menu
Setup

Waterproof
IP67

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 curser 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

Photo Actual Size