

# EMIN

Testing & Measuring Everything

## SENDIG - Wireless Vibration Meter-S908i



### Product Introduction

Android system & sensor connected by Bluetooth, can measure bearing condition, acceleration, velocity & displacement. Instant overall value & trend display. Measured value saved as files. Alarming according to ISO-10816 for machine health.

Bearing Defect: ✔ Read Meas All

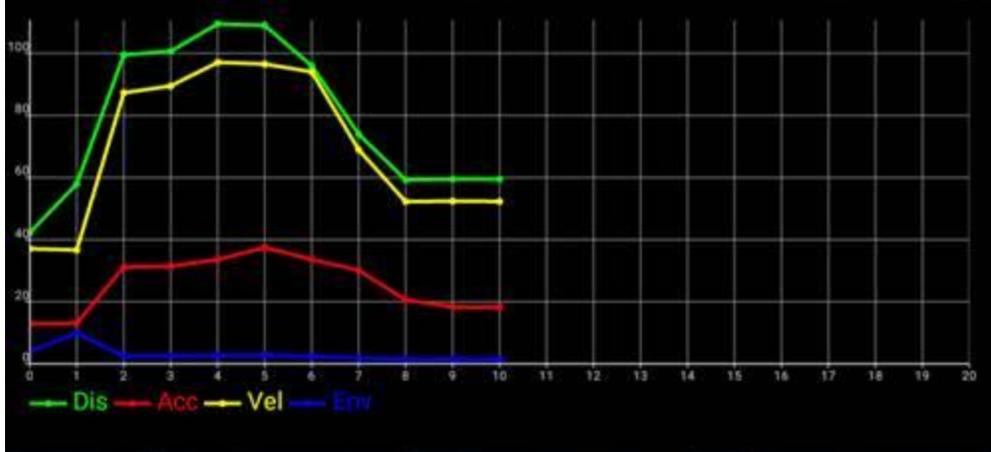
Displacement(P-P): 59.5  $\mu\text{m}$  Meas

Acceleration(Peak): 1.82  $\text{m/s}^2$  Meas

Velocity(RMS): 5.23  $\text{mm/s}$  Meas

High Freq Envelope: 0.02  $\text{m/s}^2$  Meas

Machine Classification  
1: M/C w/ power>300kW; ECE M/C w/ shaft height H>=315mm.  
Support Classification  
Rigid: Min natural Freq of M/C & SUPT SYS> rotational Freq\*125%



Dis Max: 109.4 Min: 42.2 Avg: 78.8

No connected device

## Features & Specifications:

- Bluetooth 4.2 BLE, cable less
- Communication distance 15m without additional antenna
- Continuous measure & save overall values for uploading to Windows system
- Integrated rechargeable battery for 10 hours continuous operation
- May use out power for non-stop operation
- Amplitude & Frequency ranges :
  - Displacement 0.01–2mm p-p 10-500 Hz
  - Velocity 1-35mm/s RMS 10-1000 Hz
  - Acceleration 1-100m/s<sup>2</sup> peak 10–3kHz
  - Acceleration Envelope 1-25m/s<sup>2</sup> RMS
  - 5-2000Hz from 3-6 KHz
- Overall values saved in Excel format
- True RMS measurement
- Graphic trending display
- Show maximum, minimum & average value over the whole measurement period
- System requirement: Android 4.4, Bluetooth 4.0 or above
- Size:43x102mm, Weight:203g
- Operation Temperature Range: -20-50 °C