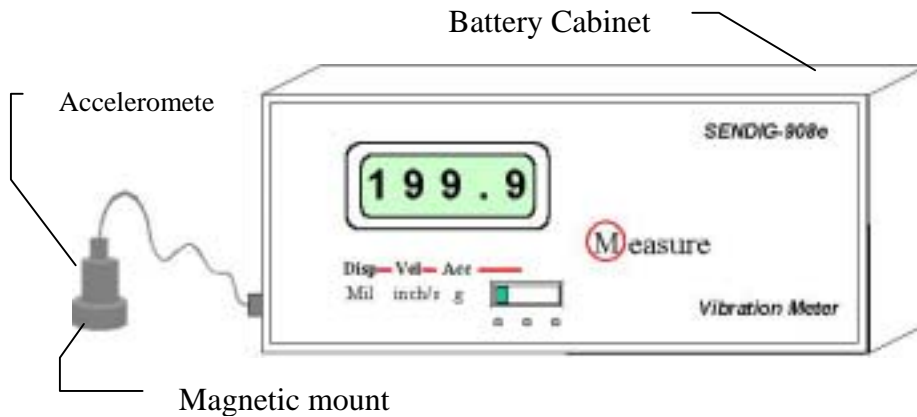


Standard Configuration: inside accelerometer with probe



Optional: Outside accelerometer with magnetic mount and probe

USER'S MANUAL

For the

SENDIG-908e

Hand-Held Vibration meter

True RMS measurement

English version

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1. Preparation

1). Check the voltage of the battery:

Press <Measure> key, observe the display on the screen. If there is an arrow on the top left corner, you need to replace the battery with a new one.

2). Set-up probe

SENDIG-908e has two probes. You may change them according to your requirement. When changing, take hold of the screw cover to avoid rotation of the sensor, then screw the probe.

2. Measurement

1). Select the measure parameters:

SENDIG-908e has three vibration parameters. They are:

- a) Displacement (unit: mil=1/1000 inch) :
Equivalent peak-peak value = True RMS Value * 2.828;
- b) Velocity (unit: inch/sec) :
True RMS value;
- c) Acceleration (unit: g) :
Equivalent peak = True RMS Value * 1.414;

2). Functions of the <Measure> key:

- a). Key Down: Switch the power on and begin measuring;
- b). Key Up: Hold the measured value for twenty seconds and then switch off the power automatically.
- c). Key Down again: Continue measuring.

3). Stick the probe to the measured object (the pressure should be about 1-2 pounds.)

3. Notes:

- 1). Avoid intense impact, high temperature and immersed in water.
- 2). Keep the sensor plug clean and dry, and use it carefully.

3). Install the battery:

- a) Open the small back cover of battery cabinet (2 screws at the end far away from the sensor, see figure);
 - b) Place a battery (6F22, 9V) correctly according to the polarity;
 - c) Close the back cover and screw the screws down;
 - d) If it has been put aside long-term, please take out the battery in case of the outflow of the battery liquid;
- 4) If the sensor has been used for over one year, please re-calibrate the vibrometer to ensure the precision.

4. Specifications

1). Measurement condition:

Temperature:5-50°C, Humidity<85%, Non-causticity environment, without strong electric-magnetic field & strong impact

2). Amplitude Ranges:

Displacement	0.1–199.9 mil	peak-peak (*)
Velocity	0.01–19.99 inch/s	true RMS (*)
Acceleration	0.01–19.99 g	peak (*)

***Note:** peak-peak and peak are equivalent value means:
peak-peak=2.828*RMS while peak=1.414*RMS

3). Measurement accuracy: ± 5% of display ± 2 digits

Noise Level (without input): ACC<0.25 m/s², VEL<0.5mm/s, Disp<3μm
Frequency response accuracy: ±5%, ±10% for ACC 4.5kHz-10kHz
Non-linearity: ±5%

4). Sensor type: Piezoelectric Accelerometer

5). Frequency response: 10–1000Hz(Inside accelerometer)

10–10000Hz(Outside accelerometer, depending on model)

6). Battery: 9V 6F22, 25 hours of continuous operation.

7). Configuration:

Standard: Inside accelerometer with handheld probe

Optional: Outside accelerometer with magnetic mount and probe

8). Dimensions: 5.4 x 2.4 x 0.9 inch; Weight: 0.55 pound

5. Warranty

3 years but not include those caused by mishandling.