



PT908 Vibration and Bearing/Gearbox Meter

PredicTech's PT908 is ideal for vibration / Bearing measurement. PT908 can measure acceleration, velocity, displacement or bearing /gearbox condition.

One of the unique features of PT908 is its ability to pick-up the high frequency signal from bearing or gearbox. The trend is a good indication of bearing or gearbox running condition.

Features

- ✓ **Measuring Acceleration, Velocity, and Displacement in Metric or English unit**
- ✓ **Detecting bearing or gearbox defect**
- ✓ **Build-in accelerometer, easy for handling in the field**
- ✓ **External accelerometer with magnet holder for more accurate measurement**
- ✓ **Large LCD display, easy to read in the field**
- ✓ **Leather carrying case**
- ✓ **Automatic power-off**
- ✓ **Automatic freeze of display for easy data recording**



- ✓ **Dual size probe tips**
- ✓ **Low battery warning**

Electrical

Frequency Response (+/- 3dB):

Acceleration: 10 ~ 1000Hz

Velocity: 10 ~ 1000Hz

Displacement: 10 ~ 500Hz

HFD: about 5000 ~ 10,000 Hz

Maximum measurable Range:

Acceleration (PK): 0.02 ~ 19.9g

Velocity (PK, English unit): 0.008 ~ 8 in/sec

Velocity (RMS, Metric unit): 0.2 ~ 199.9mm/s

Displacement (PK-PK): 1 ~ 1999um (0.04 ~ 80mil)

HFD: 0.02 ~ 19.9 g (equivalent)

Power:

9V battery pack, 6F22.

Display:

LCD: 3 1/2 digits

Overall vibration accuracy:

5%.

Temperature Range;

0 – 50°C.

Approval:

CE

Hazardous area CEC approval: EEx iaIICT4



Physical

Size:

130mm * 60mm * 22mm (5.1" * 2.4" * 0.9")

Weight:

260g (0.5lb)

Order Information

PT908-M-I

PT908 Vibration Meter in metric unit with Internal Sensor:

- ✧ PT908 Vibration Meter
- ✧ Internal accelerometer
- ✧ Leather case for PT908
- ✧ 30mm and 10mm probe tips

PT908-E-I

PT908 Vibration Meter in English unit with internal sensor:

- ✧ PT908 Vibration Meter
- ✧ Internal accelerometer
- ✧ Leather case for PT908
- ✧ 1 1/2" and 1/2" probe tips

PT908-M-O

PT908 Vibration Meter in metric unit with external sensor:

- ✧ PT908 Vibration Meter
- ✧ Leather case for PT908
- ✧ 30mm probe tip
- ✧ External accelerometer
- ✧ 0.5 m extension cable
- ✧ Magnetic holder

PT908-E-O

PT908 Vibration Meter in English unit with external sensor:

- ✧ PT908 Vibration Meter
- ✧ Leather case for PT908
- ✧ 1 1/2" probe tip
- ✧ External accelerometer with 20" cable.
- ✧ Magnetic holder

PT908-M-I-S

PT908-E-I-S

PT908-M-O-S

PT908-E-O-S

PT908 Vibration Meter with CEC hazardous area certification: EEx: iaIICT4