



PT908 Vibration and Bearing/ Gearbox Meter

Pro vibTech's PT908 is ideal for overall vibration and bearing/gearbox measurement. The PT908 can measure acceleration, velocity, displacement or bearing/gearbox condition.

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



Features

- ✓ **Measuring acceleration, velocity, and displacement in metric or English units**
- ✓ **Detects bearing or gearbox defect**
- ✓ **Built-in accelerometer, for easy 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

PCEC: Ex 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
50mm 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 PCEC hazardous area certification: Ex: iaIICT4

Accessories

TM0784A

Accelerometer

PT908-CB

The connecting cable between the TM0784A and PT908 meter

PT600-TP1

Accelerometer stinger 10mm (4.0 in)