



Portable and Online Condition Monitoring Products

PT908A Vibration and Bearing/Gearbox Meter

ProviTech's PT908A is ideal for overall vibration and bearing/gearbox measurement. The PT908A can measure acceleration, velocity, displacement or bearing/gearbox condition.

A unique feature of the PT908A 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
- ✓ Detecting 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

PT908A-M-I

PT908A Vibration Meter in metric unit with internal sensor:

- PT908A Vibration Meter
- Internal accelerometer
- Leather case for PT908A
- 30mm and 10mm probe tips

PT908A-E-I

PT908A Vibration Meter in English unit with internal sensor:

- PT908A Vibration Meter
- Internal accelerometer
- Leather case for PT908A
- 30mm and 10mm probe tips

PT908A-M-O

PT908A Vibration Meter in metric unit with external sensor:

- PT908A Vibration Meter
- Leather case for PT908A
- 50mm probe tip
- External accelerometer with 0.5 m extension cable
- Magnetic holder

PT908A-E-O

PT908A Vibration Meter in English unit with external sensor:

- PT908A Vibration Meter
- Leather case for PT908A
- 50mm probe tip
- External accelerometer with 0.5 m extension cable
- Magnetic holder

PT908A-M-I-S

PT908A-E-I-S

PT908A-M-O-S

PT908A-E-O-S

PT908A Vibration Meter with PCEC hazardous area certification: Ex ia II CT4

Accessories

TM0784B

Accelerometer with 0.5m integral cable

PT600-TP1

Accelerometer stinger 100mm (4.0 in)