

Portable vibration meter ACEPOM310 is suitable for conventional vibration measurement, especially in rotating or reciprocating machinery, which can measure the speed, acceleration and displacement of vibration. The current condition (good, caution or dangerous) of the equipment (steam turbine, fan, pump, compressor, motor, etc.) can be determined by using the data measured by the instrument on the bearing housing of the equipment, comparing with the international vibration intensity standard iso-2372, or by using the standards of enterprises and machines. It has been widely used in the fields of machinery manufacturing, electric power, metallurgy and aerospace.



Features

- Displacement, velocity and acceleration can be measured;
- Vibration characteristics of different frequencies can be selected.
- High sensitivity probe, high accuracy ;
- There are two kinds of long and short probes, suitable for measuring in different places.
- Simple and compact structure, easy to carry and use.

Technical Parameter

Measurement mode	acceleration/velocity/displacement
Measurement range	acceleration : 0.1 ~ 200m/s velocity : 0.1 ~ 200mm/s rms displacement : 0.001 ~ 2.0mm P-P
Accuracy	±5%±2 digits
Measurement frequency	(acceleration) 10Hz ~ 1KHz (LO) (acceleration) 1KHz ~ 15KHz (HI) (velocity/displacement) 10Hz ~ 1KHz
Data output	AC ,2V peak (full range)
Power	9V alkaline block battery
Data refresh	1s
Low power notice	√
Automatical shut down	√
Battery life	25h continuous work