



Function

1. Simple to use, the structure is compact, portable for carrying along with measurement.
 2. Visually display measurement value and state.
 3. Acceleration, velocity and displacement measurement.
 4. Different vibration frequency selection.
- High sensitivity probe for accurate measurement Provides long and short probe head ,each one is suitable for different situation measurement.
5. Equipped with AC signal output interface.
 6. Low power indication.
 7. Auto power-off.
 8. LCD backlight.

Diagram of the unit

1. Backlight indication, the backlight will be activated for 7 seconds upon the button operations.
2. Measurement data
3. High frequency
4. 1KHZ frequency
5. Low frequency
6. Battery mark shows battery power. Has following 5 levels:

■ :battery is sufficient

■ :battery is comparative sufficient

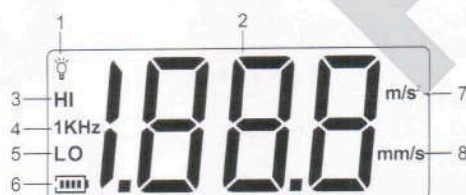
■ :battery is nearly deficient

■ :battery is nearly exhausted, need replace a new one.

■ :battery is exhausted completely.

7. When taking measurement of acceleration, the LCD displays the acceleration unit: m/s²

8. When take measurement of velocity, the LCD displays the velocity unit: mm/s; When taking measurement of displacement, the LCD displays the displacement unit: mm.



Specification

Technical parameter	Technical specification
Vibration pickup	Piezoelectric ceramic accelerometer (shear-type)
Measurement range of acceleration	0.1~199.9m/s ² peak
Measurement range of velocity	0.1~199.9mm/s rms
Measurement range of displacement	0.001~1.999mm p-p Velocity and displacement range is limited by acceleration 199.9m/s ²
Measurement accuracy	±5%±2digits
Measurement frequency range of acceleration	10Hz~1KHz (LO) 1KHz~15KHz (HI)
Measurement frequency range of velocity	10Hz~1KHz (LO)
Measurement frequency range of displacement	10Hz~1KHz (LO)
Displays update cycle	1 second
LCD display	3 1/2 digits display
Single output	AC output 2 V peak (display full scale) Load impedance 10KΩ or more earphones can be connected
Power supply	9V Alkaline battery
Static current	≤20μA
Operating current	≤25mA
Battery life	20 hours continuous use
Auto power-off	Turns off automatically in 60 seconds
LCD backlight	7 seconds
Operating temperature range	0~40°C
Operating humidity range	30~90%RH
Low battery indication	6.9V±0.2V
Dimensions	67x30x183mm
	182g (including battery)

