

## **Specifications:**

1. Parameters Measured:  
Velocity, Acceleration, Displacement  
RPM and Frequency
2. Transducer: Piezoelectric accelerometer
3. **Measuring Range:**  
Speed: 0.1-400.00mm/s  
Velocity: 0.000-16.00inch/s  
Acceleration: 0.01-400m/s<sup>2</sup>  
Acceleration: 0.1-200m/s<sup>2</sup>  
0.3-1312 ft/s<sup>2</sup>  
Displacement/offset: 0.001-4.00mm  
0.04-160.0mil  
Turns: 60-99990 (rpm)  
Revolution: 60-99990 R.P.M.
4. Frequency Range for Measuring:  
Velocity: 10Hz to 1kHz  
Acceleration: 10Hz to 1kHz in 1 mode  
10Hz to kHz in 10 mode for bearing condition check  
Displacement: 10Hz to 1kHz
5. Accuracy: <5% +2 digits
6. **Resolution:** 0.01(mm/s<sup>2</sup>)  
0.1(mm/s<sup>2</sup>)  
0.001(mm)  
1(U/min)
7. Metric and Imperial Conversion
8. Max Hold
9. Low battery indicator
10. Output: AC output 2.0V peak full scale (load resistance: above 10k)
11. Power Supply: 4 x 1.5 AAA size (UM-4) batteries
12. **2 Power Off modes:**  
Manual off at any time  
Auto power off after 5 minutes from last key operation
13. **Operating Condition:**  
Temperature is 0~40°C  
Humidity below 90% RH