

# Low Frequency Vibration Sensor & Impact Hammer

## Low Frequency Vibration Sensor:

Applicable to vibration measurement of ground and structure. The mini-switch on the sensor can be adjusted to get different parameters and ranges according to requirements. This sensor is also characterized by reliable spring, no need of zero-adjustable and easy-to-use.



### Specifications:

Parameter		Switch 1 ON	Switch 2 ON	Switch 3 ON	Switch 4 ON
		Acceleration	Moderate Velocity	Large Velocity	Small Velocity
<b>Sensitivity</b> (V*S <sup>2</sup> /m or v*s/m)		0.1 or 0.5	7	1	30
<b>Damp Constant</b>		7 or 5	0.65	0.65	0.65
<b>Maximum Range</b>	<b>Displacement</b> (mm, Peak Value)		70	300	15
	<b>Velocity</b> (m/s, Peak Value)		1.4	1.8	0.5
	<b>Acceleration</b> (m/s <sup>2</sup> , Peak Value)	40			
<b>Transmission Band(Hz, -3<sup>1</sup>dB)</b>		0.5 ~ 80	1 ~ 100	0.5 ~ 100	2 ~ 100
<b>Output Load Resistance(kΩ)</b>		300	300	300	300
<b>Size &amp; Weight</b>		Φ60×80mm, 1kg			

Note: The directions of measurement must be specified as horizontal or vertical.

## Impact hammer:

- Force Sensor included: 4pC / N
- Length:
  - 0.3kg hammer: 25cm
  - 0.9kg hammer: 35cm

