

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
Sensitivity (V*S ² /m or v*s/m)		0.1 or 0.5	7	1	30
Damp Constant		7 or 5	0.65	0.65	0.65
Maximum Range	Displacement (mm, Peak Value)		70	300	15
	Velocity (m/s, Peak Value)		1.4	1.8	0.5
	Acceleration (m/s ² , Peak Value)	40			
Transmission Band(Hz, -3¹dB)		0.5 ~ 80	1 ~ 100	0.5 ~ 100	2 ~ 100
Output Load Resistance(kΩ)		300	300	300	300
Size & Weight		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

