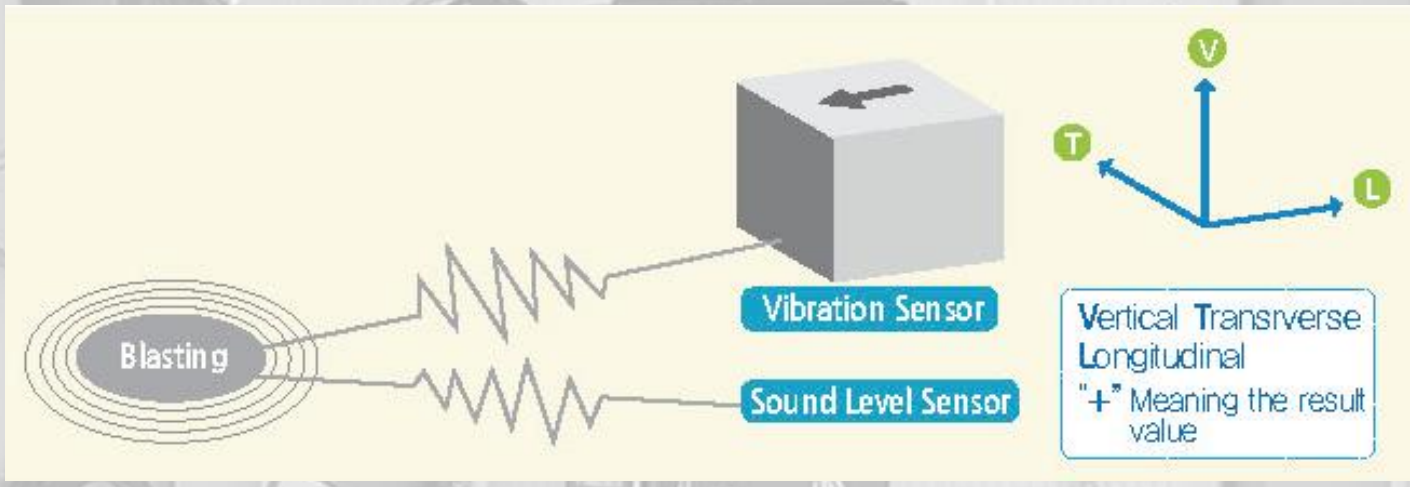
Blasting Vibration Meter

The measuring sensor consists of a vibration sensor and a noise sensor.

To get accurate data from the epicenter, you can orient it to the support as shown below.

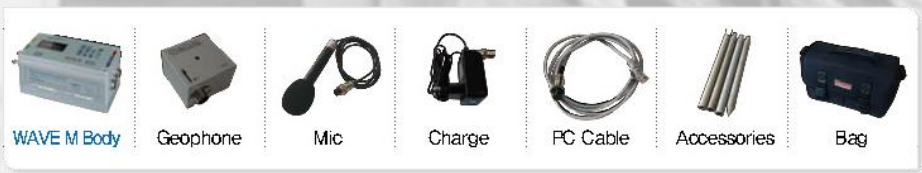


Specification

Vibration mm/s		Noise dB(A,L)	
Accuracy	± 0.01mm/sec	**Range(dB A)**	35 to 130dB
Velocity Range	Up to 254mm/sec	**Frequency Range**	20 to 16kHz
Frequency Range	2-200 Hz(Basic 2-100Hz)	**Range(dB L)**	65 to 140dB
Sample Rate	1024, 2048, 4096/sec/ch	**Frequency Range**	2 to 200 Hz
Recording Time	1, 2, 4, 8, 16sec	**Operating Temp.**	-40 to 85deg.
Resolution	0.0038mm/sec	**Recording Time**	1, 2, 4, 8, 16s
Calibration	internal dynamic	**Accuracy**	± 1.0dB
Trigger value	0.1 to 250mm/sec	**Calibration**	94dB (B & K 4226)
OLED Operating	-45 to 80deg	**Trigger value**	35 to 140dB(L)
Electronics Operating	-45 to 80deg		

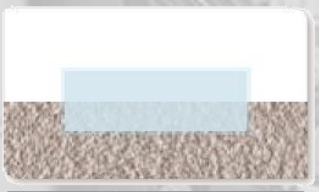
Battery		Memory		Basic	
Rechargeable battery	Lithium-ion	**Event storage time**	**File (KB)**	**Memory size**	4Mbyte,
Power on hours	10 hours	**1 sec**	**17**		8Mbyte(Option)
Charging voltage	9 volt	**2 sec**	**33**	**Weight**	2.6kg
Charging hours	6 hours	**4 sec**	**66**	**Dimension**	180*100*85
Workable Temp	0°C ~ +45°C	**8 sec**	**132**		
Charging Temp	-20°C ~ +60°C	**16 sec**	**264**		

Product configuration



Blasting Vibration Meter

Sensor installation

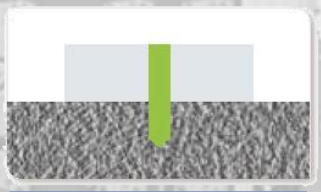


Soft ground

Place the sensor in the soil.

General ground

The sensor is assembled with the shoe and adhered to the soil.



Rock or structure

Fixed through sensor through passageway or fixed with epoxy

Product description

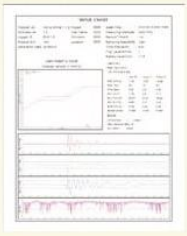
1. OLED
2. Function Key
3. Charge Port
4. Printer & CDMA
5. PC port
6. On/Off
7. USB Modem
8. Mic
9. Geophone

Software

WaveCALL

WaveCall is a program that transmits, analyzes and reports event data stored in the equipment.

01 Execution screen



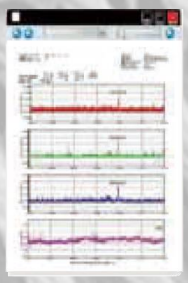
02 Measurement result report

WaveM

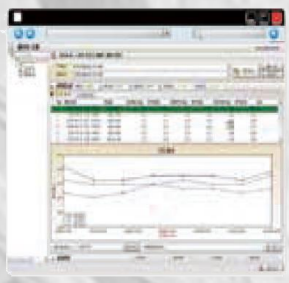
WaveM is a real-time receiving program that receives, stores, alerts, and alerts data transmitted remotely from the device.

01 Execution screen

Support program



Smart Net



Soil-i