

# VAS-100

## Low Frequency Geophone

VAS-100 geophone is kind of low frequency geophone with high sensitivity developed following request of seismic exploration and engineering which is mainly to receive deep level, low frequency and weak signal. It can be used as single point and also 3- component

- High sensitivity: 100 V/m/s
- High SNR and wide dynamic range
- Vertical and horizontal available
- Low Frequency: 4.5Hz
- Low distortion

Parameter/Mode	VAS-100 (20°C)
Natural frequency (Hz)	4.5 ± 0.5
Sensitivity (V/m/s)	100 ± 5%
Open circuit damping	0.595 ± 10%
Coil Resistance(Ω)	3800 ± 5%
Moving Mass (g)	11.8
Spurious Frequency (Hz)	≥90
Max. Coil Excursion(mm)	4
Distortion (%)	≤0.9
Dimensions (mm)	25.4 × 36
Temperature range ( °C )	-40~+70
Warranty Period (Year)	1
Weight (g)	81

