

PS-4.5C

Low Frequency Geophone

PS-4.5C 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

Features:

- High sensitivity: 92V/m/s
- High SNR and wide dynamic range
- Low Frequency:
- Low distortion

Parameter/Mode	PS-4.5C (20°C)
Natural frequency (Hz)	4.5 ± 0.5
Sensitivity (V/m/s)	92 ± 7.5%
Damping	0.76 ± 20%
Coil Resistance(Ω)	3400 ± 10%
Moving Mass (g)	11.3
Spurious Frequency (Hz)	≥90
Max. Coil Excursion(mm)	4
Distortion (%)	≤0.3
Dimensions (mm)	25.4 × 36
Temperature range (°C)	-40~+70
Warranty Period (Year)	1
Weight (g)	80

