

PS-4.5B

Low Frequency Geophone

PS-4.5B geophone is kind of low frequency geophone 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

- Low Frequency:
- High SNR and wide dynamic range
- Low distortion

Parameter/Mode	PS-4.5B (20°C)
Natural frequency (Hz)	$4.5 \pm 10\%$
Sensitivity (V/m/s)	$28.8 \pm 7.5\%$
Damping	$0.6 \pm 10\%$
Coil Resistance(Ω)	$375 \pm 5\%$
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)	$-40 \sim +70$
Warranty Period (Year)	1
Weight (g)	80.4

