

PS-5GS

High Sensitivity Geophone

PS-5GS is a kind of new geophone developed with small size featuring a high-sensitivity and low natural frequency. Sensitivity is comparable to an array geophones

- low Frequency: 5 Hz
- High sensitivity: 80 V/m/s
- Light in weight and easy to deploy.

Parameter/mode	PS-5GS (22°C)
Natural Frequency (Hz)	$5 \pm 7.5\%$
Coil Resistance (Ω)	$1850 \pm 5\%$
Sensitivity (V/m/s)	$80 \pm 5\%$
Damping	$0.6 \pm 7.5\%$
Spurious Frequency (Hz)	≥ 150
Distortion (%)	≤ 0.1
Max.Motion (mm)	3.0
Moving Mass (g)	22.7
Dimensions (d × h)mm	32.1 × 43
Temperature Range (°C)	-40~+80
Warranty Period(Year)	1.5
Weight (g)	158

