

## S series Geophone: PS-10GS

PS-10GS is a kind of high precision geophone which is designed with reliable and advance technology.

- High Spurious Frequency: 240 Hz
- Low tolerance for specification: 2.5%
- Low Distortion: less than 0.75%
- Equivalent to SG-10

Parameter\Mode	PS-10GS ( 20°C )
Natural Frequency (Hz)	$10 \pm 2.5\%$
Coil Resistance ( $\Omega$ )	$350 \pm 2.5\%$
Sensitivity (V/m/s)	$22.8 \pm 2.5\%$
Sensitivity With Shunt Resistor (V/m/s)	—
Damping	$0.68 \pm 5\%$
Damping With Shunt Resistor	—
Distortion (%)	$\leq 0.075$
Spurious Frequency (Hz)	$\geq 240$
Max. Tilt Angle for Distortion Specification (° )	15
Max. Motion (mm)	1.78
Moving Mass(g)	8.4
Dimensions (d × h)mm	$27.4 \times 30.15$
Temperature Range ( °C )	-40~+90
Warranty Period (Year)	2
Weight (g)	83

