

PS-10R

High Sensitivity Geophone

PS-10R is a kind of geophone featuring a high-sensitivity and low natural frequency. Sensitivity is comparable to an array geophones.

- High sensitivity: 85.8 V/m/s
- Light in weight and easy to deploy
- Equivalent to GS-1

Parameter/mode	PS-10R (25°C)
Natural Frequency (Hz)	$10 \pm 3.5\%$
Coil Resistance (Ω)	$1800 \pm 3.5\%$
Sensitivity (V/m/s)	$85.8 \pm 3.5\%$
Damping	0.48~0.54
Spurious Frequency (Hz)	≥ 240
Distortion (%)	≤ 0.1
Max.Motion (mm)	2.54
Moving Mass (g)	14
Dimensions (d × h)mm	30.2 × 39.9
Temperature Range (°C)	-40~+80
Warranty Period(Year)	2
Weight (g)	138.4

