

PS-5R

High Sensitivity Geophone

PS-5R is a new geophone featuring a high-sensitivity and low natural frequency. Sensitivity is comparable to an array geophones.

- Low Frequency: 5 Hz
- High sensitivity compared to conventional geophone: 83V/m/s
- Light weight and easy to deploy

Parameter/mode	PS-5R(20°C)
Natural Frequency (Hz)	$5 \pm 10\%$
Coil Resistance (Ω)	$2950 \pm 5\%$
Sensitivity (V/m/s)	$83 \pm 8\%$
Damping	$0.7 \pm 10\%$
Spurious Frequency (Hz)	≥ 120
Distortion (%)	≤ 0.2
Max.Motion (mm)	2.54
Moving Mass (g)	17
Dimensions (d × h)mm	30.2 × 39.9
Temperature Range (°C)	-40~+80
Warranty Period(Year)	1.5
Weight (g)	144.3

* Warranty excludes damage caused by high voltage or physical damage to element.
 All rights reserved. Specifications subject to change at sole discretion of Sunfull.

