

S series Geophone: PS-10ES

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

- High Spurious Frequency: 240 Hz
- Low Distortion: less than 0.1%
- Vertical and horizontal available
- Low tolerance for specification: 2.5%
- Equivalent to SM-24

Parameter/Mode	PS-10ES (20°C)
Natural Frequency (Hz)	$10 \pm 2.5\%$
Coil Resistance (Ω)	$375 \pm 2.5\%$
Sensitivity (V/m/s)	$28.8 \pm 2.5\%$
Sensitivity With Shunt Resistor (V/m/s)	$20.9 \pm 2.5\%$ (1000 Ω) $22.5 \pm 2.5\%$ (1339 Ω)
Damping	$0.25 \pm 5\% / -0\%$
Damping With Shunt Resistor	$0.686 \pm 5\% / -0\%$ (1000 Ω) $0.600 \pm 5\% / -0\%$ (1339 Ω)
Distortion (%)	≤ 0.1
Spurious Frequency (Hz)	≥ 240
Max. Tilt Angle for	10
Distortion Specification ($^{\circ}$)	2
Max. Motion (mm)	11
Moving Mass(g)	25.4×32
Dimensions (d x h)mm	-40~+100
Temperature Range ($^{\circ}\text{C}$)	3
Warranty Period (Year)	84.6
Weight (g)	

