

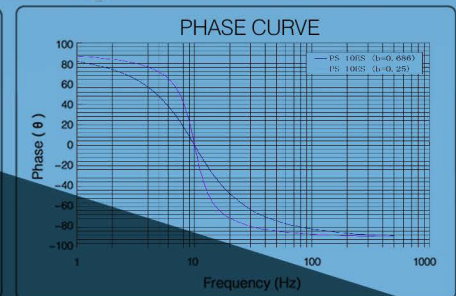
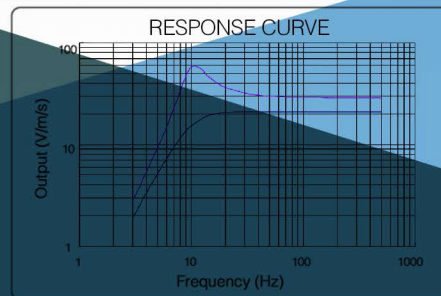


S series Geophone: PS-10ES

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
Max. Motion (mm)	2
Moving Mass(g)	11
Dimensions (d x h)mm	25.4 x 32
Temperature Range (°C)	-40~+100
Warranty Period (Year)	3
Weight (g)	84.6



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