

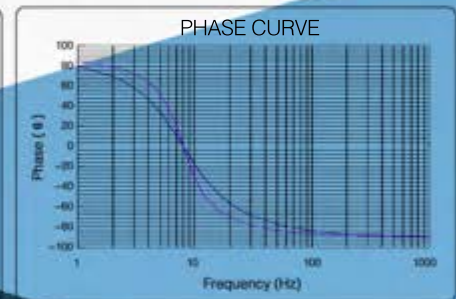
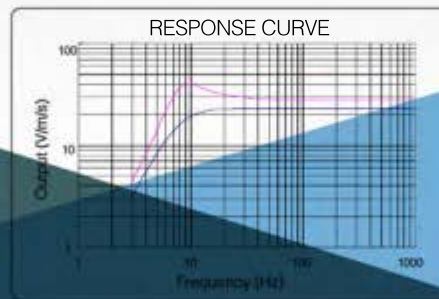


# X SERIES GEOPHONE: PS-8X

X series geophone is mainly used in oil, coal exploration, engineering and hydrological vibration analysis.

- Stable and reliable circuit
- Low distortion and high spurious frequency

Parameter/mode	PS-8X (22°C)
Natural Frequency (Hz)	$8 \pm 0.5$
Coil Resistance ( $\Omega$ )	$395 \pm 5\%$
Sensitivity (V/m/s)	$28 \pm 5\%$
Sensitivity With Shunt Resistor (V/m/s)	$23 \pm 5\%$ (1800 $\Omega$ )
Damping	$0.38 \pm 5\%$
Damping With Shunt Resistor	$0.71 \pm 5\%$ (1800 $\Omega$ )
Distortion (%)	$\leq 0.2$
Max.Motion (mm)	1.5
Moving Mass (g)	11
Spurious Frequency (Hz)	$\geq 200$
Dimensions (d x h)mm	25.4 x 34
Temperature Range (°C)	-40 ~ +70
Warranty Period(Year)	3
Weight (g)	88



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