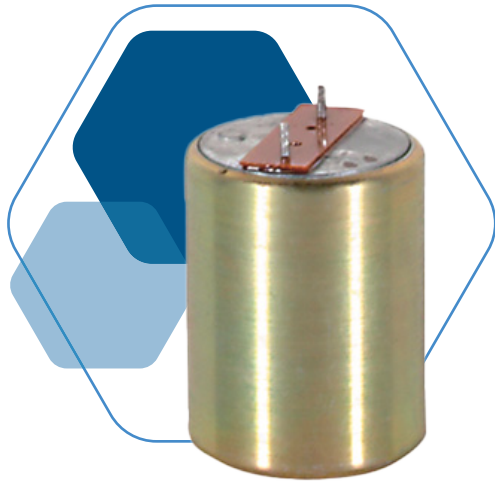


CLOSE TOLERANCE SPECS**LOW DISTORTION****PRODUCT DESCRIPTION**

The GS-30CT geophone features tight tolerance specifications, low distortion, high spurious response, and field-proven reliability.

FEATURE HIGHLIGHTS

- Orientation: Vertical and horizontal available
- Moving Mass: 11.2g (0.395 ounces)
- Maximum Coil Excursion p-p: Less than 1.52mm (0.059 inches)
- Diameter is 2.54 cm (1.00 inches)
- Height less terminals is 3.30 cm (1.30 inches)
- Weight is 86.00g (3.03 ounces)
- Operation and Storage Temperature Range -45 to 100°C
- Operation and Storage Temperature Range -49 to 212°F



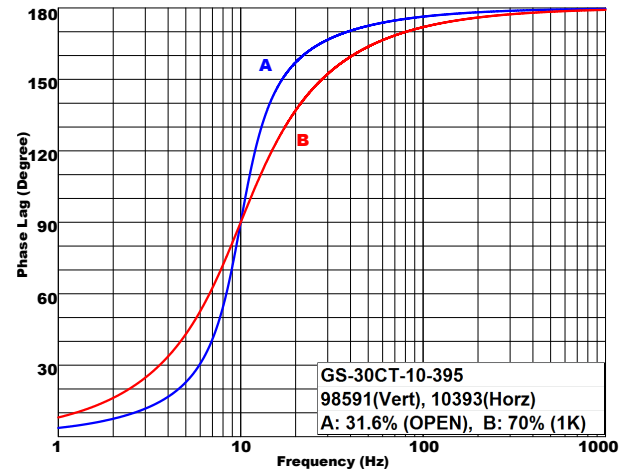
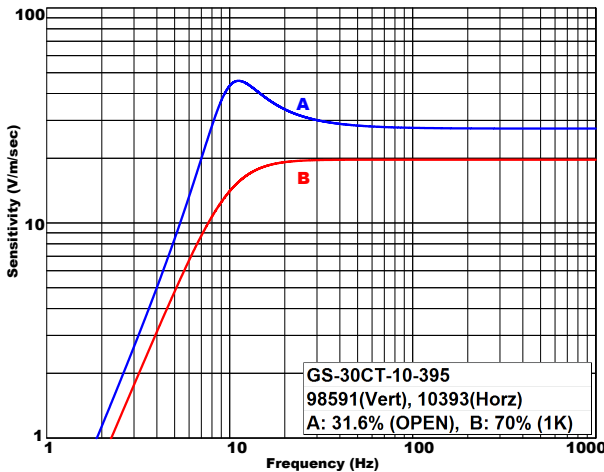
MECHANICAL SPECIFICATIONS

	METRIC	US
Orientation	Vertical and Horizontal available	
Moving Mass	11.2 g	0.395 oz
Maximum Coil Excursion p-p	>1.52 mm	0.059 in.
Diameter	2.54 cm	1.00 in.
Height (less terminals)	3.30 cm	1.30 in.
Weight	86.00 g	3.03 oz
Operating & Storage Temperature Range	-45 to +100°C	-49 to 212°F

ELECTRICAL SPECIFICATIONS @25°C

Frequency	10 Hz *	
Spurious Frequency	>160 Hz	
Distortion at Vertical	<0.08%	
Coil Resistance	395 Ω *	
Open-Circuit Sensitivity	27.5 V/m/s	0.698 V/in/s
Sensitivity at 70% Damping	19.7 V/m/s	0.500 V/in/s
Open Circuit Damping	31.60%	
Tilt Angle when coil hits end stop	Vertical geophone = 37° Horizontal geophone $\pm$ 10°	

* Other frequencies and resistances available



SOLUTIONS FOR A SMARTER FUTURE

Specifications subject to change at sole discretion of Geospace Technologies.