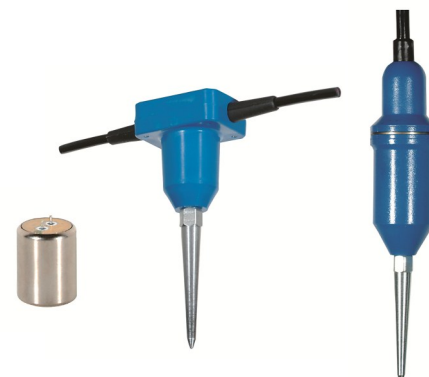


GS-20DX Geophone

Industry Standard Geophone

Features

- Low distortion < 0.20%
- +/- 5% tight tolerance specifications
- Ideal for 2D or 3D, land and marsh seismic data recording



The GS-20DX geophone is compatible with all industry standard recording instrumentation. The GS-20DX has been extensively field-proven, providing high data quality and superior field reliability for land, marsh or transition zone seismic data acquisition.

<u>DESCRIPTION</u>	<u>SPECIFICATION @ 25°C</u>	<u>TOLERANCE ±</u>
OPTIMUM ORIENTATION	VERTICAL	
OPERATIONAL RANGE	VERTICAL to ± 20°	
NATURAL FREQUENCY (F _n)	10 Hz	5 %
CLEAN BAND PASS (SPURIOUS RESPONSE)	> 250 Hz	
DC RESISTANCE (DCR)	395 ohms	5 %
INTRINSIC VOLTAGE SENSITIVITY	.70 V/in/sec, .28 V/cm/sec	10 %
OPEN CIRCUIT DAMPING (Bo)	.30	10 %
MOVING MASS (M)	11.0 g	0.5 g
HARMONIC DISTORTION With coil to case velocity of .583 in/sec (1.48cm/sec) P-P @ 10Hz .70 in/sec (1.78cm/sec) P-P @ 12Hz	< 0.25 % (VERTICAL) < 0.20 % (VERTICAL)	< 0.25 % (20°) < 0.20 % (20°)
COIL EXCURSION P-P	> 0.032 in, > 0.081 cm	
DAMPING CONSTANT	550	
OPERATING AND STORAGE TEMPERATURE	-45 to +100 °C	
DIMENSIONS		
WEIGHT	3.08 oz, 87.3 g	
DIAMETER	1.00 in, 2.54 cm	
HEIGHT (Less Terminals)	1.30 in, 3.30 cm	
TERMINAL LENGTH	.16 in, .41 cm	

Note: 3 Year Manufacturer's Warranty

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