

Data Sheet of 28Hz Geophone

Type	ST-20DX, 28hz (Equivalent to GS-20DX,28hz)
Natural frequency (Hz)	28±5%
Coil Resistance (ohms)	395±5%
Open circuit damping	0.27±5%
Damping with Shunt Resistor	0.552±5%
Calibration Shunt Resistor(ohms)	1000
Open Circuit Intrinsic Voltage Sensitivity(V/m/s)	39.0±5%
Sensitivity with Shunt Resistor(V/m/s)	28.0±5%
Harmonic Distortion (%)	≤0.2
Typical Spurious Frequency (Hz)	≥350
Moving Mass (g)	11.0
Max.coil excursion p-p (mm)	1.5
Max.tilt angle	20°
Element Diameter (mm)	25.4
Element Height (mm)	33.0
Element Weight (g)	100.0
Operating Temperature(°C)	-45°C to + 100°C
Warranty Period	1 year
• All parameters specified herein are rated at a temperature 20°C±2°C. • 1-year limited warranty on basic element exclusive of high voltage, lightening or physical abuse.	