



Data Sheet of 100Hz Geophone Sensor

Type	ST-20DX, 100hz
Natural frequency (Hz)	100±5%
Open circuit damping	0.45±5%
Open Circuit Intrinsic Voltage Sensitivity(V/m/s)	23.0±5%
Coil Resistance (ohms)	570±5%
Harmonic Distortion (%)	≤0.2
Typical Spurious Frequency (Hz)	≥600
Moving Mass (g)	5.0
Max. coil excursion p-p (mm)	1.5
Max .tilt angle	20°
Element Diameter (mm)	27.0
Element Height (mm)	33.5
Element Weight (g)	95.0
Operating Temperature(°C)	45°C to + 80°C
<ul style="list-style-type: none">• All parameters specified herein are rated at a temperature 20°C±2°C.• 3-year limited warranty exclusive of high voltage, lightening and physical abuse.	