



### Data Sheet of ST-2A Geophone Sensor

Type	ST-2A
Natural frequency (Hz)	2±15%
DC Resistance (ohm)	6400 ±10%
Sensitivity (V/m/s)	260±15%
Open Circuit Damping	0.7±15%
Distortion (%)	≅ 0.3
Typical spurious Frequency(Hz)	≥ 90
Moving Mass(g)	60.0
Max. coil excursion p-p(mm)	3.0
Allowable Tilt	0°
Element Diameter (mm)	38.0
Element Height (mm)	47.0
Element Weight (g)	Vertical:264.0g / Horizontal 273.0g
Operating Temperature(°C)	-40°C to + 100°C
Working Direction	Vertical / Horizontal / Three-component
<ul style="list-style-type: none"><li>- All parameters specified herein are rated at a temperature 20°C±2°C</li><li>- 1-Year limited Warranty on basic element exclusive of high voltage, lightening or physical abuse.</li></ul>	