



Data Sheet of High Sensitivity Geophone 4.5Hz (ST-4.5B)

Type	ST-4.5B
Natural frequency (Hz)	4.5±0.5(Hz)
Open Circuit Damping	0.58±20%
Coil resistance (ohms)	3400±10%
Open circuit sensitivity (V/m/s)	82.0±7.5%
Harmonic distortion (%)	≅0.3
Spurious Frequency(Hz)	≧90.0
Moving Mass (g)	11.3
Max. coil excursion p-p (mm)	4.0
Element Diameter (mm)	25.4
Element Height (mm)	36.0
Element Weight (g)	80.0
Operating Temperature(°C)	-40°C to + 70°C
Warranty Period	1 year
<ul style="list-style-type: none">• 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.	