

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

Type	ST-4.5A
Natural frequency (Hz)	4.5±0.5(Hz)
Open Circuit Damping	0.595±10%
Coil resistance (ohms)	3800±5%
Open circuit sensitivity (V/m/s)	100.0±5%
Harmonic distortion (%)	≤0.9
Spurious Frequency(Hz)	≥90.0
Moving Mass (g)	11.8
Max. coil excursion p-p (mm)	4.0
Element Diameter (mm)	25.4
Element Height (mm)	36.0
Element Weight (g)	81.0
Operating Temperature(°C)	-40°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.	