



Data Sheet of High Sensitivity Geophone 14Hz (ST-14OA)

Type	ST-14OA
Orientation	Omni
Natural frequency (Hz)	14-7% / +15%
Coil resistance (ohms)	3500±5%
Sensitivity (V/m/s)	80-15% / +5%
Damping	0.185±10%
Harmonic distortion (%)	≅0.7
Max. coil excursion p-p (mm)	4
Moving Mass (g)	10.2
Element Diameter (mm)	25.4
Element Height (mm)	36
Element Weight (g)	79
Operating Temperature(°C)	-40°C to + 70°C
Warranty Period	2 years
<ul style="list-style-type: none">• All parameters specified herein are rated at a temperature 20°C±2°C.• 2- year limited warranty on basic element exclusive of high voltage, lightening or physical abuse.	