

Data Sheet of Low Frequency Geophone 1Hz

Type	ST-1N
Natural frequency (Hz)	1±15%
Damping	0.36±20%
Sensitivity (V/m/s)	200±15%
DC Resistance (ohms)	3300 ±10%
Distortion (%)	≅0.6
Insulation Resistance (MΩ)	>50
Moving Mass (g)	770
Max. coil excursion p-p (mm)	6.0
Element Diameter (mm)	65.0
Element Height (mm)	106.0
Element Weight (g)	1400.0
Operating Temperature(°C)	-25°C to + 55°C
Metal Case Dimensions (mm)	Vertical: ∅ 75x166 / Horizontal: 75 x 75 x 166
Working Direction	Vertical or Horizontal or Three-component
<ul style="list-style-type: none"> • All parameters specified herein are rated at a temperature 20°C±2°C . • 1-year limited warranty exclusive of high voltage, lightening or physical abuse. • Data Sheet Updated on 26th April.,2024. 	