

RGI-100Hz Geophone

RGI-100Hz High Frequency Geophone Element

Seeking Perfection Manufacturing Excellence

Features

- High quality, reliable geophone
- 3-year non pro-rated warranty
- Lowest maintenance expenditure in the industry



Specifications (all parameters are specified at +22°C)	
Frequency	
Natural frequency	100 Hz \pm 5%
Distortion	
Distortion	\leq 0.2%
Damping	
Damping with calibration shunt 1,500 Ω	0.70 \pm 10%
Coil Resistance	
Resistance with calibration shunt 1,500 Ω	525 ohm \pm 5%
Sensitivity	
Sensitivity with calibration shunt 1,500 Ω	32.0 V/m/s \pm 10%
Physical Characteristics	
Moving mass	7.6g
Maximum coil excursion p-p	1.5mm
Diameter	27mm
Height	33mm
Weight	100g
Operating temperature range	-40°C to +80°C

* Warranty excludes damage caused by high voltage and physical damage to the element case.

The RGI-100Hz High Frequency geophone is a well-developed product manufactured under strict quality control and specially designed to realize reliable and stable performance for extensive field applications.

The RGI-100Hz High Frequency geophone is perfectly suitable for geophysical and geological exploration, engineering, coal mine industry, national defense, security monitoring and scientific research.

Implementation: Suitable for land and TZ with multiple RACOTECH geophone cases