

RGI-HP30DX Series Geophone

RGI-HP30DX Geophone Element

Seeking Perfection

Manufacturing Excellence

Features

- Tighter specification, lower-distortion, higher-precision geophone
- Improved conventional pig tail element structure
- Enhanced spurious response over 250Hz
- Availability of horizontal element for S-wave and 3-C data acquisition
- 3-year non pro-rated warranty
- Lowest maintenance expenditure in the industry



Specifications (all parameters are specified at +22°C)

Natural frequency	10Hz \pm 2.5%
Open circuit damping	0.300
Damping With Shunt Resistor (1000 Ω)	0.707 \pm 2.5%
Open circuit sensitivity	28.0V/m/s \pm 2.5%
Sensitivity With Shunt Resistor (1000 Ω)	20.1 \pm 2.5%
Coil Resistance	395 \pm 2.5%
Harmonic Distortion	\leq 0.1%
Typical spurious frequency	\geq 250Hz
Moving mass	11g
Max.coil excursion p-p	1.5mm
Tilt angle	200
Diameter	25.4mm
Height	34.5mm
Weight	87g
Operating temperature range	-40°C to +100°C
Warranty Period	3 Year

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

Precise structure design and high manufacturing capability technique guarantee consistency and reliability of parameters. Precision-engineered components and computerized test equipment ensure consistency in manufacture and operation throughout and even beyond the 3-year non pro-rated warranty.

The parameters of RGI-HP30DX are more consistent than traditional geophones. Main RGI-HP30DX parameters are completely compatible with traditional 20DX-10Hz. It is applicable for any type of seismic exploration in all field conditions.

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

RACOTECH
GEOPHYSICAL INSTRUMENTS

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