

PORTABLE, TRI-AXIS, LOW-FREQUENCY SEISMONITOR**1.0 HZ GS-1 GEOPHONES****PRODUCT DESCRIPTION**

The 3C SeisMonitor is specially designed for three-component low-frequency, seismological monitoring. Three GS-1, 1.0 Hz geophones are orthogonally arranged (one vertical, and two horizontal) in a convenient, sealed carrying case with handle, input connector, and leveling bubble.

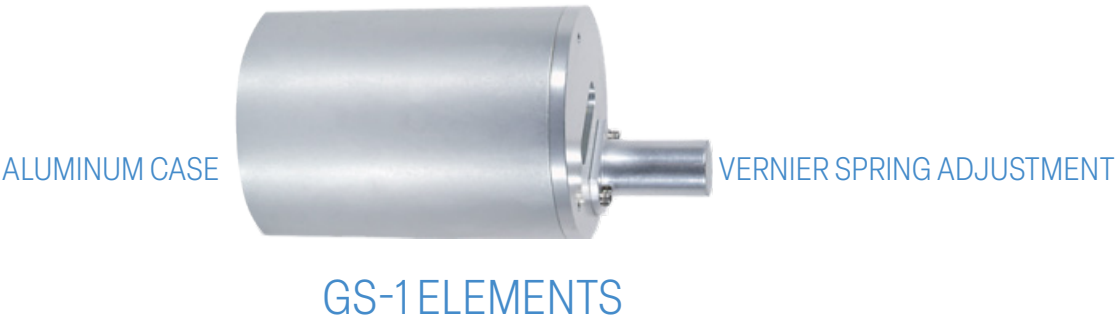
FEATURE HIGHLIGHTS

- Portable, non-clamping, 3 component, low frequency SeisMonitor in a convenient carry case
- Device is environmentally rated IP67
- The SeisMonitor is ideally suited for seismological, engineering, and scientific applications where passive, low noise, short period, tri-axial sensors are required
- Leveling feet and spikes available

DIMENSIONS	METRIC	US
Height	20.3 cm	8.0 in.
Diameter	20.3 cm	8.0 in.
Weight	11.3 kg	25 lbs.

PHYSICAL SPECIFICATIONS	METRIC	US
Operating & Storage Temperature	-40 to +100° C	-40 to +212° F
Operational Range	Vertical to 7.5°	Horizontal to 0.5°
Portable Case	Aluminum	
	Double O-ring sealed top and bottom	
	Carrying handle	
	Leveling bubble built into top	

ELECTRICAL SPECIFICATIONS	
Sensor Type	GS-1 Seismometer
Triaxial Orientation	Orthogonal
Natural Frequency	1.0 Hz
DC Resistance Options	450Ω, 4550Ω, 17400Ω
Sensitivity Options	See GS-1 specifications
Extended Bandwidth	up to 100 Hz



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Specifications subject to change at sole discretion of Geospace Technologies.