

GS-1 3C SeisMonitor

Portable, Tri-axis, Low Frequency Seismometer

Features

- Portable, non-clamping, 3C Low Frequency Seismonitor in convenient carry case
- Device is environmentally rated to IP67
- Vernier spring adjustment for field fine-tuning
- The SeisMonitor is ideally suited for seismological, engineering and scientific application where passive, low noise, short period, tri-axial sensors are required

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



O-ringed sealed Container Tri-axis Orthogonal GS-1 Geophones

3C SeisMonitor

SENSOR TYPE

TRIAxIAL ORIENTATION

NATURAL FREQUENCY

DC RESITANCE OPTIONS

SENSITIVITY OPTIONS

OPERATIONAL RANGE

EXTENDED BANDWIDTH

PORTABLE CASE

SPECIFICATIONS

GS-1 Seismometer

Orthogonal

1.0 Hz

450, 4550, 17400 ohm

See GS-1 specifications

Vertical to 7.5° Horizontal to 0.5°

Up to 100 Hz

Aluminum

Double O-ring sealed top and bottom

Carry Handle

Leveling Bubble built into top

DIMENSIONS

HEIGHT

8.0 in., 20.3 cm

DIAMETER

8.0 in., 20.3 cm

WEIGHT

25 lbs, 11.3 Kg

OPERATING & STORAGE TEMPERATURE

- 40 to +100 °C

GS-1
1.0 Hz



Vernier Spring Adjustment

Al Case

Note: 6 Month Manufacturers Warranty

SeisMonitor 082003

www.geospacetech.com