



SEISMONITOR

Geophones

3D Surface Sensor 1Hz frequency

3 components Seismonitor is designed for seismological, engineering and scientific studies where a passive, low noise, short period triaxial sensor is required. Seismonitor contains three triaxially oriented, GS-1 low frequency seismometers installed in a single deployment container.

Methodologies

Nakamura Method, HVSR, H/V

Generals

Height 20.3 cm

Diameter 20.3 cm

Weight 11.3 cm

Physical specifications

Operating & Storage Temperature -40°C; +100°C

Operational Range Vertical to 7.5°; Horizontal to 0.5

Material Aluminum

Electrical specifications

Sensor type GS-1 Seismometer

Triaxial Orientation Orthogonal

Generals

Natural Frequency	1.0 Hz
DC Resistance Options	450Ω, 4550Ω, 17400Ω
Extended Bandwidth	Up to 100 Hz