GS-1 3C SeisMonitor

Portable, Tri-Axis, Low-Frequency SeisMonitor

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

### Dimensions

<table>
<thead>
<tr>
<th>Metric</th>
<th>US</th>
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</thead>
<tbody>
<tr>
<td>Height</td>
<td>20.3 cm</td>
</tr>
<tr>
<td>Diameter</td>
<td>20.3 cm</td>
</tr>
<tr>
<td>Weight</td>
<td>11.3 kg</td>
</tr>
</tbody>
</table>

### Physical Specifications

- **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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