

PORTABLE, TRI-AXIS, LOW FREQUENCY SEISMONITOR

HS-1 3 COMPONENT ARRAY



PRODUCT DESCRIPTION

The MiniSeisMonitor is specially designed for three-component, low-frequency vibration monitoring. Three HS-1, LT 2.0 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, three-component, low-frequency 3C array in a convenient carry case
- Device is environmentally rated to IP67
- The Mini SeisMonitor is ideally suited for seismological, engineering, and scientific applications where passive, low-noise, short-period triaxial seismic sensors are required
- Leveling feet and spikes available

DIMENSIONS

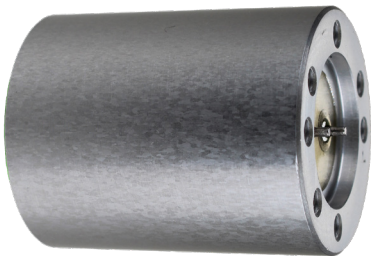
	METRIC	US
Height, with Handle	13.61 cm	5.36 in.
Height, no Handle	9.22 cm	3.63 in.
Diameter	14.94 cm	5.88 in.
Weight	3.595 kg	7.925 lbs.

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	HS-1 Seismometer	
Triaxial Orientation	Orthogonal	
Natural Frequency	2.0 Hz	
DC Resistance Options	1250 Ω	3810 Ω
Sensitivity Options	1.04 V/in/s	2.0 V/in/s
Extended Bandwidth	up to 500 Hz	



HS-1 ELEMENTS



SOLUTIONS FOR A SMARTER FUTURE

Specifications subject to change at sole discretion of Geospace Technologies.