

# MiniSeisMonitor



## HS-1 3 Component Array

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

# MiniSeisMonitor

The MiniSeisMonitor is specially designed for three-component low-frequency, seismological 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.

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		
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	

SeisMonitor  
leveling feet  
and  
spikes



HS-1 elements

7007 Pinemont Drive • Houston, Texas 77040 USA  
www.geospace.com • T: 713-986-4444 • F: 713-986-4445