

# NOMIS SEISMOGRAPHS

Rock-solid machines

Unshakeable service

## Mini-SuperGraph II



Our 2015 entry comes complete with the latest in technological features second to none.

### Features

- Sample rates up to 16k samples per second
- USB connectivity for downloading events to PC
- Thumb Drive with event synchronization
- Standard event memory storage for up to 65k events
- Self trigger (waveform), Bar Graph and Combo modes standard
- Smart Sensor technology included
- All results displayed on one LCD screen with back light
- Included software for automatic downloading & emailing of data (modem required).
- Unique option to name and save setup information
- No wait time between events so consecutive events are not missed
- Quick and easy setup procedures
- Complies with ISEE seismograph standards for 2015
- 1-year warranty on parts and labor

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## Technical Specifications

### Seismic:

- Monitoring with Standard Triaxial Geophone
- Range: 0 - 10in/s (0-254mm/s) - Standard
- Maximum Resolution: 0.00003 in/s (0.00078mm/s) @ 16-bit accuracy
- Accuracy: +/- 3%
- Transducer Density: 108 lbs/ft<sup>3</sup>
- Frequency Response: 2 - 400 Hz (1Hz optional)

### Sound: (NOMIS Mini-SuperGraph II without mic)

- Weighting Scales: Linear (flat)
- Linear Range: 92-148dB
- Linear Resolution: 0.00015625mb @ 16-bit accuracy
- Linear Accuracy: +/- 1dB or +/- 10% whichever is greater
- Linear Frequency Response: 2 - 400Hz

### Waveform Recorded Data:

- Record Modes: Waveform, Combo & Manual
- Seismic Trigger Range: 0.02 - 10.24 in/s (0.508 - 260.096mm/s)  
X2 sensor low sensitivity
- Sound Trigger Range (Linear): 92 - 148dB, no trigger (other levels optional)
- Sample Rate: 1024 - 16384 Standard, higher rates optional
- Record Time: Up to 895 seconds
- Cycle Time: No wait time in between events
- Storage Capacity: 65k one second events standard @ 1024 samples/s

### Bar Graph Data:

- Record Modes: Bar Graph (Histogram)
- LCD readings: Real time update 1-60 seconds
- Bar Recording Interval: 1,10,20,30,40,50,60 seconds
- Summary Interval: 5,15,30 minutes, 1,2,4,8,12,24 hours
- Summary Data: Peak R,T,V + Sound & Frequencies for each

### Physical Specifications

- Dimensions: 6 x 4.25 x 3 in/ (152 x 108 x 76 mm)
- Weight: 4.1 lbs. (1.9 kgs)
- Battery: Up to 7 days duration per recharge (monitor mode)
- Display - LCD: 8 lines x 21 characters w/backlight
- PC Interface: RS-232 & additional 15 pin auxiliary connector / USB
- Auxiliary Inputs & Outputs: External trigger & remote alarm
- Operating Temperature: 0 to 120° F (-8 to 50° C)
- Remote Communications: Full function RS-232 port, compatible with telephone, GSM, satellite, RF
- Warranty: 1 years parts & labor