



The Newest Seismograph with the most updated features of any unit on the market.

Features

- ⊕ Standard sample rates up to 4000 samples per second
- ⊕ 30+ days monitoring without battery charging
- ⊕ Advanced Bar Graph Mode records histogram with many user selectable options
- ⊕ Normal wave form recordings with large recording range
- ⊕ Advanced cellular and modem operations including automatic email delivery of data
- ⊕ Accommodates 2 triaxial transducers and microphones on one unit
- ⊕ Models available with or without internal printer
- ⊕ Full feature keyboard for data entry
- ⊕ No wait time between events so you will not miss consecutive events
- ⊕ Quick and easy set up procedures and easy access to battery for replacement and shipping
- ⊕ Standard event memory storage for 700 events
- ⊕ Unique option to name and save set up information
- ⊕ Complies with ISEE seismograph standards
- ⊕ 2 years warranty on parts & labor

Exclusive Distributor: CEP SERVICES PTE LTD

30B Hillview Terrace Singapore 669248

Tel: 65-67601566 Fax: 65-67605186 Email: sales@cep.com.sg [Http://www.cep.com.sg](http://www.cep.com.sg)

NOMIS SuperGraph - Technical Specifications

Seismic

Seismic Monitoring (with Standard Triaxial Geophone)

Range: 0 – 10 in/s (0-254 mm/s) – Standard

Resolution: .005 in/s

Accuracy: +/- 3%

Transducer Density: < 150 lbs/ft³

Frequency Response: 2 – 400 Hz (1 Hz optional)

Accelerometers - Optional

Sound

Weighting Scales: Linear (flat)

Linear Range: 92 -148 dB

Linear Resolution: .0025 milli bars

Linear Accuracy: +/- .1 dB or +/- 10% whichever is greater

Linear Frequency response: 2 – 400 Hz

Waveform Recorded Data

Record Modes: Waveform & Manual

Seismic Trigger Range: .0075 – 10 in/s (.19-254 mm/s), no trigger, manual

Lower Level Optional

Sound Trigger Range:

Linear: 92 – 148 dB, no trigger (other levels optional)

Sample Rate: 1024 – 4096 Standard, Higher rates optional

Record Time: 1 – 80 seconds

Cycle Time: No wait time between events

Storage Capacity: 700 one second events standard @ 1024 samples /s

Bar Graph Data

Record Modes: Bar Graph (Histogram)

LCD Readings: Real Time update 1-60 seconds selectable

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 choice of vector sum and displacement

Physical Specifications:

Dimensions: 10.5 x 14 x 6.6 in. (267 x 356 x 168 mm)

Weight: 15.16 lbs. (7 kgs)

Battery: 6 Volt, gel type rechargeable, 30 days duration

Display – LCD: 8 lines x 21 characters with backlight

Printer: High resolution thermal printer

PC Interface: RS-232 & additional 15 pin auxiliary connector

Auxiliary Inputs and Outputs: external trigger & remote alarm

Operating Temperature: 0 to 120⁰ F (-8 to 50⁰ C)

Remote Communications: Full function RS-232 Port, compatible with telephone, GSM, Satellite, RF

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