

NOMIS
SEISMOGRAPHS



**The Latest Compact
Seismograph for convenience
with the most updated features
for accuracy.**

Features

- ⊕ • Standard sample rates up to 4000 samples per second
- ⊕ • 14 days monitoring without battery charging
- ⊕ • Self trigger (wave form) and Advanced Bar graph modes standard
- ⊕ • All results displayed on one LCD screen with back light
- ⊕ • Advanced cellular and modem operations including automatic email of data
- ⊕ • Unique option to name and save set up information
- ⊕ • Help menu on LCD
- ⊕ • No wait time between events so you will not miss consecutive events
- ⊕ • Quick and easy set up procedures
- ⊕ • Standard event memory storage for 700 events
- ⊕ • 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 Mini SuperGraph

NOMIS Mini 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: 90 -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 Levels 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: 6 x 4.25 x 3 in. (152 x 108 x 76 mm)

Weight: 4.1 lbs. (1.9 kgs)

Battery: 6 Volt, gel type rechargeable, 14 days duration

Display – LCD 8 lines x 21 characters with backlight

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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