

22 Years of
Redefining
Excavation



**Uttam[®]
Blastech**
PRIVATE LIMITED

The Mining & Excavation Expert.

NOMIS SEISMOGRAPHS WITH REMOTE ACCESS

Uttam Blastech provides accurate and reliable vibration monitoring solutions for your projects. Uttam Blastech's Nomis MiniSuperGraph II is very easy to install and brings accuracy and reliability to vibration monitoring with instant data readings, large sample collections, large storage and variant storage forms.

...



Reliable



Onsite
Installation



Onsite
Training



Instant Data
Readings



Comply with
ISEE standards



Large Storage
(65k events)



Sampling Rate
up to 16000
Per Second.



Variant Storage
(Bar Graph,
Waveform Etc.)



Battery
back-up:
15 days

+91 800 800 6686

crm@uttamblastech.com

www.uttamblastech.com

Mini Supergraph II

Technical Specifications

Seismic:

• Monitoring with Standard Triaxial Geophone	
• Range	: 0.127 - 260.096 mm/s - Standard
• Maximum Resolution	: 0.00078mm/s @ 16-bit accuracy
• Accuracy	: +/- 3%
• Transducer Density	: 1.73 g/cc
• Frequency Response	: 2 - 400 Hz (1Hz optional)

Sound:

• Weighting Scales	: Linear (flat)
• Linear Range	: 82-148dB
• Linear Resolution	: 0.015625 Pa @ 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	: 0.254 - 260.096mm/s, no trigger other level optional
• 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 hours
• Summary Data	: Peak R,T,V + Sound & Frequencies for each

Physical Specifications

• Dimensions	: 152 x 108 x 76 mm
• Weight	: 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	: -8 to 50° C
• Remote Communications	: Full function RS-232 port, compatible with telephone, GSM, satellite, RF
• Warranty	: 1 years parts & labor