



ARTIMAN
Instruments

BLS164 Blast Recorder



The BLS164 is a blast recorder which records both triaxial velocity and air blast pressure due to explosion.

This device offers significant economy, unique features and versatility in a rugged and easy-to-use package.

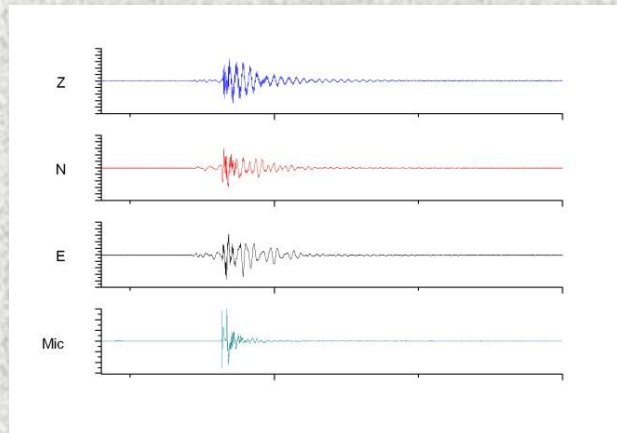
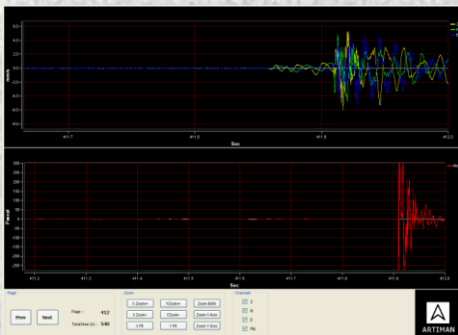


Key Features:

- Stand-alone operation
- Easy to use
- Precise and reliable
- Direct stream to USB flash memory
- Excellent compactness and rugged package
- Long time battery operation

Technical specifications

- Triaxial Geophones (10 Hz) – Up to 220 mm/s measuring range
- High SPL microphone (148 dB) – 20 to 20,000 Hz bandwidth
- 16 bit resolution – 10,000 sample/s/channel
- Simultaneous sampling for all channels
- Data recording up to 8 GB (USB-OTG flash memory)
- Adjustable input gains from X1 to X1000
- Continues stream or trigger recording method
- 32 bit ARM processor inside
- Raw binary output files exportable to Excel, Origin, Matlab...
- Parameter setting through RS232
- High current Polymer-Ion rechargeable battery
- GPS synchronization (optional)



Real recorded data due to emulite explosion test

ARTIMAN INSTRUMENTS

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