



ARTIMAN
Instruments

BLS244 Blast Recorder



The BLS244 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.

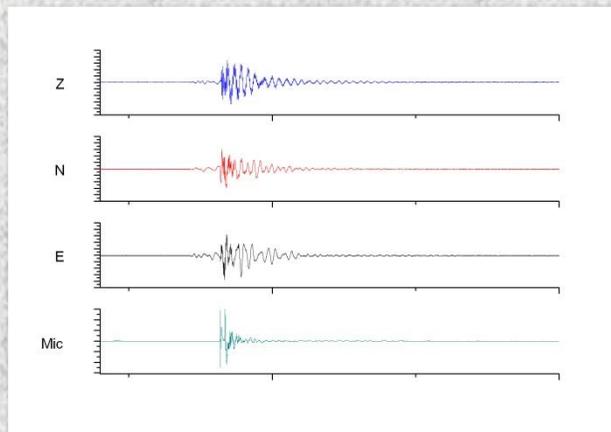
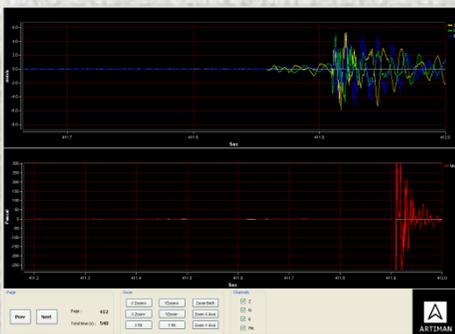


Key Features:

- 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
- 24 bit resolution – 16,000 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...
- Easy parameter setting through USB memory stick
- High current Polymer-Ion rechargeable battery
- GPS synchronization & Remote control triggering (optional)



Real recorded data due to emulite explosion test

ARTIMAN Instruments Ltd.

Phone: +98 21 66595229-66901750-66901639 Telefax 66901815 Site: www.ArtimanInstruments.com