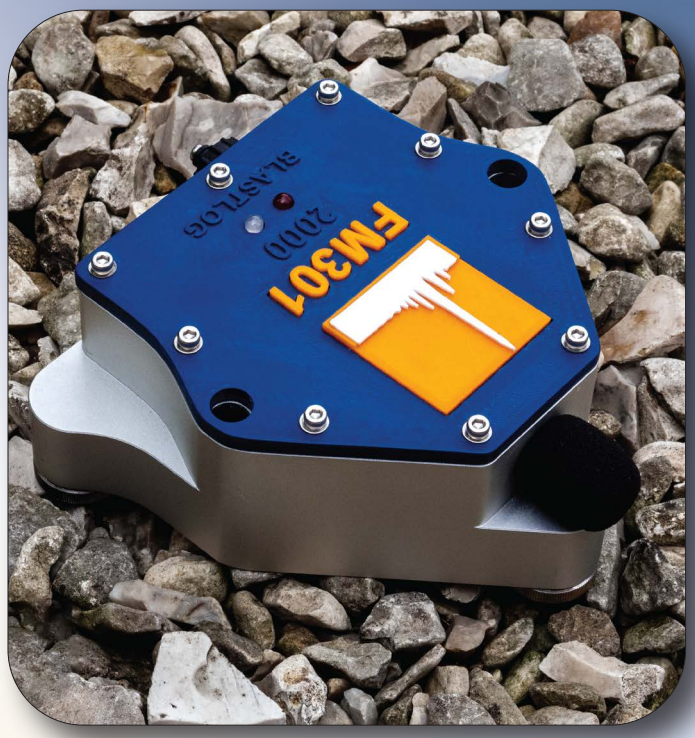
FM 301 BLASTING SEISMOGRAPH

Blast Log has developed a seismograph no larger than the size of hand.



KEY FEATURES

- **Everything is in the unit**
- **Accelerometers and microphones are housed in the unit**
- **Micro-electro-mechanical systems (MEMS) based technology**
- **Integrated GPS, all recordings have a GPS time stamp**
- **Bluetooth capability allow users to control the unit and view a summary of the recordings via your mobile phone**

SPECIFICATIONS

Accelerometers

Type: Tri-axial accelerometers
Vibration range: +/- 327mm/s (12.9 in/s)
Accelerometer ranges: 2g / 4g / 8g
Frequency range: 2.47 to 250 Hz (at 1 kHz sampling)
Response standard: ISEE Seismograph Specification

Microphone

Type: bi-directional, differential pressure transducer
Pressure range: 1000 Pa (154 dB(L))
Frequency range: 1 to 250 Hz
Response standard: ISEE Seismograph Specification

Other Key Specifications

Record Mode: Full waveform
Sample Rate: 1 kHz
Record time: 2s / 4s / 8s
Storage capacity: 1000 events (based on 1 kHz sample rate with 4s record time)
PC interface: USB

Seismic Trigger: From 0.1 mm/s (in 0.1 increments)
Acoustic trigger: 2 to 200 Pa (100 to 140 dB(L))
Dimensions: 16 x 13.8 x 5.5 cm (6.3 x 5.4 x 2.2 in)
Weight: 0.85 kg (1 lb 14 oz)
Battery: 3.7V rechargeable lithium-ion
Bluetooth Range: +/- 4m

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