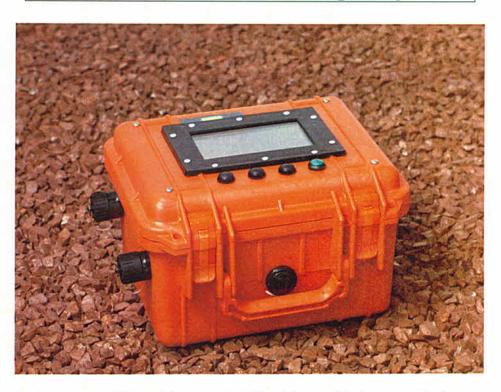


## V9000 Seismograph



- 40 character x 16 line alphanumeric LCD with graphical representation and backlight
- Impulse mode for blast monitoring
- Continuous mode for piling, rail and road traffic monitoring
- Data stored for all 3 axes, down to 1 m/s intervals
- Frequency analysis and plotting
  - Features:
- · Triggering from 0.1 mm/s
- Auto range from 0.1 mm/s to 200 mm/s
- Auto record length from 2 to 18 seconds (in impulse mode)
- Can trigger and record PPV, acceleration and displacement parameters
- Monitor in impulse and continuous mode (twin channel option)
- Air overpressure from 100 dB to 140 dB Linear Peak
- Memory for approximately 500 trigger events or 21 days continuous recording at 1 second intervals
- Built in 7day timer function and sleep mode (extends battery life)
- Instant readout and review of memory event results on LCD
  - Optional internal modem for internet based remote operation and downloading of vibration / frequency data
  - Optional SMS alert functions low battery, low modem battery, memory full, Seismograph status, and high vibration alerts
- USB connectivity (plug and play no set up required)

Shanakiel, Ilkeston Road, Heanor, Derbyshire, DE75 7DR Tel: +44 (0)1773 711211 Fax: +44 (0)1773 711311 Website: www.vibrock.com Email: vibrock@vibrock.com







Power Source:

Four Alkaline 'D' cells

(optional external 12v or Mains supply)

Battery Life:

Up to 30 days continuous monitoring (24 hours/day)

Dimensions:

300mm x 250mm x 180mm

Weight:

3 Kg

Operating Temperature:

-5°C to +50°C

## **Optional Modem Specifications:**

Power Source:

Separate internal 12v battery gives up to 30 days

remote monitoring (24 hours/day)

Battery charger:

Can be used to power the Seismograph and charge the

internal modem battery simultaneously

**GSM Functions:** 

Remote download of the Seismographs memory

Remote operation of the Seismograph

Watch the Seismograph monitoring in real time

SMS alarm warnings (6 of) Programmable timed data upload

Accessories:

1 x tri-axial geophone pack

1 x CD ROM containing Vibrock Software

1 x instruction book 1 x USB download lead

1 x shoulder bag

1 x calibration certificate

Options:

Modem connectivity

Text alerts (status and alarms)

2<sup>nd</sup> PPV Transducer VDV Transducer

Air over pressure microphone Two stage audible / visual alarm