

# V9000 Seismograph



- 40 character x 16 line alphanumeric LCD with graphical representation and backlight
- Trigger 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 plot and resultant graph
- Features:
  - Triggering from 0.1 mm/s
  - Auto range from 0.1 mm/s to 200 mm/s
  - Auto record length from 2 to 15 seconds (in trigger mode)
- Can trigger and record PPV, acceleration and displacement parameters
- Monitor in trigger **and** continuous mode (twin channel option)
- Air overpressure from 100 dB to 152 dB Linear
- 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)

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**VIBROCK**



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 <b>remote</b> 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

<b>Accessories:</b>	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
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<b>Options:</b>	Modem connectivity Text alerts (status and alarms) 2 <sup>nd</sup> PPV Transducer VDV capability Air over pressure microphone Two stage audible / visual alarm GPRS co-ordinate logging for each vibration event
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