



Instantel

Instantel Minimate

Pine Item #54497

DESCRIPTION:

The Instantel® Minimate® vibration and overpressure monitor is a cost-effective solution for day-to-day compliance monitoring of blasting operations, and has become the mini-seismograph of choice for blasting professionals worldwide. With the quality and rugged reliability consistently provided by Instantel, the Minimate system is an economical seismograph that everyone can afford.

FEATURES:

- 1024 S/s rate for compliance accuracy from 2 to 250 Hz.
- AutoRecord record stop mode allows the monitor to continue recording as long as activity cycles above the trigger level.
- Easy-to-use keypad with intuitive menu-driven operation.
- Monitor start/stop timer.
- Non-volatile memory with 40 - event storage capacity.
- Rechargeable gel cell battery with 240 hour capacity (continuous monitoring).
- Small rugged package for portability and easy setup.

Contact a Pine branch near you to request a quote or place an order

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United States

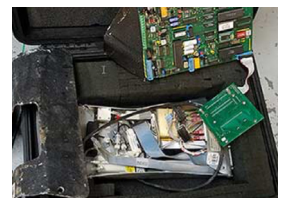
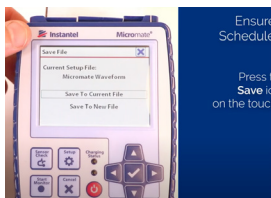
www.pine-environmental.com

Canada

www.pine-environmental.ca

Product Specifications

Channels	Microphone and Triaxial Geophone
Vibration Monitoring	NULL
Range	100 to 142 dB (250 Pa (0.036 PSI) Peak)
Resolution	2 Pa (0.00029 PSI)
Accuracy	0.4 dB at 30 Hz and 127 dB
Transducer Density	2.08 g/cc (130 lbs/ft ³)
Frequency Range	2 to 250 Hz
NULL	NULL
Air Overpressure Monitoring	NULL
Weighting Scales	Linear
Frequency Response	2 to 250 Hz
Waveform Recording	NULL
Record Modes	Manual Single-shot Continuous
Seismic Trigger	0.25 to 127 mm/s (0.01 to 5 in/s)
Acoustic Triggers	106 to 142 dB
Sample Rate	1024 S/s per channel (independent of record time)
Record Stop Modes	Fixed record time InstanTel® AutoRecord record stop mode
Record Time	1 to 10 seconds (programmable in one-second steps)
AutoRecord Time	Auto window programmable from 1 to 9 seconds plus a 0.25 second pre-trigger. Event is recorded until activity remains below trigger level f
Cycle Time	Less than 5 seconds per second of recording time
Storage Capacity	40 one-second events
Physical Specifications	NULL
Battery	Rechargeable 6V sealed gel cell - capacity for 240 hours continuous monitoring
User Interface	7-key keypad with domed tactile keys
Display	2-line x 20-character LCD
PC Interface	RS-232
LCD Operating Temperature	10 to 50°C (14 to 122°F)
Electronics Operating Temperature	-20 to 60°C (-4 to 140°F)
Remote Communications	Compatible with Telephone GSM Cellular RF Satellite and Short-haul modems
Dimensions	US: 3.2 x 3.6 x 6.3 in Metric: 81 x 91 x 160 mm
Weight	US: 3 lbs Metric: 1.4 kg



Video:
<https://youtu.be/u44p-zAkP-js>

Local Delivery Pick-up

In-Stock Equipment

Repair & Calibration

Rental Protection Plan