



Seismograph, Geosonics, Model SSU2000DK, OSM#100030199



The portable seismograph system allows user to set up the unit in the field at the desired location (usually at a house near the blast site) and record ground vibration as well as sound (air blast) from blasting events. The unit also has a printer that allows for immediate display and printing of the blast events in the field. The print-out can be given to the homeowner at their home, if needed.

The System Includes:

- External Geophone and microphone
- Built-in printer for immediate in-hand reports
- Built-in Keypad
- Unit records events to 3.5" floppy disks for later processing
- Internal battery Analysis software
- Available online on manufacturer website. <http://www.geosonicsvibratech.com/seismic-analysis-software.html>

Uses:

- Perform ground vibration and sound monitoring (air blast) from blasting events
- Transfer waveform data from seismograph to computer software for analysis

Maintenance:

- Unit should be plugged in at all times when not in use to maintain battery charge
- Clean dirt from geophone, microphone and case after use
- Prior to any field use, turn on unit; verify charge and adequate paper is in the internal printer. Verify 3.5" floppy disks available for recording event.

Check out Contact information:

This unit is available from the Technical Services Branch of the Mid Continent Region of OSM in Alton, IL. Equipment is available on a case-by-case basis depending on demand. Some training on the use of the equipment and software may be required. Contact **Chris Kiser at 618 463-6465 ext. 5120** or at ckiser@osmre.gov for more information.