

Soil Compaction Meter, Spectrum Technologies SC 900



The portable soil compaction meter uses a cone penetrometer to measure soil compaction to a depth of 18 inches. The unit has a datalogger function that allows measurements to be downloaded to a computer. The unit can also log GPS location using a Bluetooth connection to an appropriate GPS unit.

Uses:

The unit will allow measurement of soil compaction in the top 18 inches of a rock-free rooting medium to determine vegetation-inhibiting layers and provide information that can be used to prepare reclaimed soils for vegetation.

Maintenance:

The unit should have soil cleaned from the probe and its batteries removed before storage. Before use, insert fresh batteries and perform a pre-programmed calibration operation.

Check-out & contact information:

This unit is available from the Technical Services Branch of the Mid-Continent Region of OSMRE in Alton, Illinois. Equipment is available on a case-by-case basis depending on demand. Some training on the use of the equipment may be required. Contact Brian Hicks at 618 463-6463 ext. 5121 or at bhicks@osmre.gov for more information.

Equipment on loan will be temporarily transferred using a Department of the Interior Property Pass, Standard Form DI-1934, signed by the appropriate responsible individuals. OSMRE will generally pay for delivery to the requestor's office. The cost of return delivery will be borne by the requesting office. Some equipment is oversized or may need special handling.