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SRM100K User Guide

1. Check that a good quality Alkaline PP3 battery is fitted; the battery compartment is located at the rear of the enclosure. If at any time the battery voltage drops below 6.5 volts the Blue battery low indicator will turn off.

2. Insert the 2 x 3.5mm Jack plug test leads into the 2 x 3.5mm Jack sockets located on the top panel of the meter.

3. Connect the two 2.5 kilo (51b) weights, to the other end of the test leads via the 4mm banana plugs (Red & Black). Place the weights gently onto the surface that requires testing, and press the test button. The Resistance of the surface under test will be displayed in Ohms. GREEN LED's will indicate a Conductive reading and the measurement is taken at a test voltage of 10 volts. The YELLOW / ORANGE LED's indicates dissipative. These measurements are taken automatically at a test voltage of 100 volts.
   The RED segment indicates Insulative

4. The Black conductive carry case comes with carrying handle and is lined with conductive foam. (SRM100K ONLY)

SRM100 User Guide

The SRM100 measures both surface resistivity and resistance to ground. To measure surface resistivity, simply place the meter on the surface of the material that requires measuring, and press the blue test button. The meter will then light the appropriate LED from 10^3 – 10^{11} Ohms per square or insulative. To measure resistance to ground, repeat this process and insert one of the test leads into one of the two 3.5mm sockets located on the top panel of the meter attaching the croc clip to your ground point.

The meter uses correctly spaced parallel bars for sensing its measurements and operates with a 9 volt PP3 battery, giving over 40 hours of testing time. Calibration of the unit is recommended every 12 months.
Assembled at Bondline.