

MEASUREMENT

740 SURFACE RESISTANCE METER

The Model 740 Surface Resistance Meter is a pocket-sized instrument providing fast and repeatable measurements of conductive, static dissipative and insulative surfaces.

The Polaris measures both surface resistivity and resistance to ground.

- > The 740 uses the ASTM Standard D257 method of parallel bar sensing.
- > For surface resistance, place the 740 on the flat surface to be measured, press the button and hold. The LED that illuminates is the decade measured in ohms/square.
- > For resistance to ground measurement, insert the ground cord connector into the metal socket on the right hand side of the body. Then connect the crocodile clip to earth and, place the 740 on the surface to be tested. Press the button—the reading is resistance to ground in Ohms.
- > Automatic ranging.
- > Supplied with carrying case, battery and earth lead.
- > CE Certified.



Specification

Range:	10 ³ -10 ¹² + Ohms per Square.
Resolution:	One order of magnitude.
Changeover Point:	½ decade on logarithmic scale (3.15 x 10 n).
Accuracy of changeover point:	+/- ½ decade.
Accuracy:	+/- 10%. Repeatability: +/- 5%
Test Operation:	Test battery - press button when holding in free air - the red Insulative LED should illuminate.
Battery:	9V PP3 alkaline.
Size, Weight:	130 mm x 70 mm x 35 mm, 103 g.
Operating Conditions:	Temperature 5° - 50°C. Humidity 0-90% rH (non-condensing).