

SENTRY ESD PROTECTION PRODUCTS

Surface Resistance Meter

Function

The Surface Resistance Meter measures both surface resistance and resistance to ground of work surfaces.

Three resistance measurements are made between two built in parallel probes:

- Conductive
- Static Dissipative
- Insulative

Measurements to ground are made via a test lead and clip (supplied)

Description

To check surface resistance, place the meter on the surface to be tested and press the "Test" button. Conductive value by the green LEDs over the range 10^3 to 10^5 Ohms per square. Static Dissipative value is indicated by yellow LEDs over the range 10^6 to 10^{11} Ohms per square. Insulative value by a red LED for not less than 10^{12} Ohms per square.

To check resistance to ground, place the meter on the surface to be tested and connect the test lead to the socket on the side of the meter, this disconnects one of the parallel built-in probes. Connect the crocodile clip to the ground point then press the "Test" button. The resistance to ground is measured in Ohms.

Specification

Decade changeover:	\pm half decade on a logarithmic scale
Resolution:	1 decade
Accuracy:	\pm half decade
Temperature:	4°C to 55°C
Power:	9 Volt PP3 alkaline battery
Test Voltage:	Nominal 9Volts
Weight:	158 grams (440 grams incl. case)
Dimensions:	130 x 65 x 25 mm
Rigid carrying case	230 x 188 x 44 mm

For more information www.sentry-esd.com



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