Surface Resistance Meter 9V

093-0050

Description:

This meter has been designed to measure both surface resistance and resistance to ground. To measure surface material place the meter on the area to be tested and press the test button. For measuring resistance to ground, place the ground lead into the earth leakage socket, connect the crocodile clip to the area to be tested and press the test button.

The meter will test conductive, static dissipative and insulative surfaces using two parallel bars set to give ohms per square readings. Conductive is indicated by green LEDs from $10^3 – 10^5$, static dissipative by yellow LEDs from $10^6 – 10^{11}$ and insulative by red LEDs 10^{12}+.

Technical Data:

Technical Specification	Technical Data	
Decade Changeover	+/- 1/2 Decade on a Logarithmic Scale (3.16 x 10n)	
Resolution	1 Decade	
Accuracy	+/- 1/2 Decade	
Temperature	Operating	5°C to 49°C
	Storage	-15°C to +60°C
Power	9V PP3 Alkaline Battery	
Test Voltage	Nominal 9V	
Accuracy	+/- 10%	
Repeatability	+/- 5%	
Weight	6 Ounce	

Operation:

Remove battery panel and insert PP3 Alkaline battery. To check the battery hold down the unit in the air and press the test button, the red LED should show (insulative). Place the meter onto the surface ensuring the probes are touching the area to be tested. and press the Test button. The LED that is illuminated shows the relevant results in Ohms per square.

Checking Resistance to Ground:

Insert the grounding lead into the earth leakage socket and connect the crocodile clip to the ground connection. Place the meter onto the surface being tested and hold down the test button. The measurement will show the resistance to ground in Ohms rather than Ohms per square.

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Notes:

Calibration should be carried out biannually (please contact us for more information). The meter comes complete with ground lead. Battery not supplied.

Artwork:

Supplied with standard artwork (as shown). For non branded version please contact one of our sales advisors. MOQs may apply.

* Surface Resistance Meter packaged in a black corrugated box.

Product Code	Description	Size	Additional Notes
093-0050	Surface Resistance Meter 9V	130 x 70 x 25mm	Each