

**RoHS
Compliant**



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

Decade Changeover	$\pm 1/2$ Decade on a Logarithmic Scale (3.16×10^n)	
Resolution	1 Decade	
Accuracy	$\pm 1/2$ Decade	
Temperature	Operating	5°C to 49°C
	Storage	-15°C to +60°C
Power	9V PP3 Alkaline Battery	
Test Voltage	Nominal 9V	
Accuracy	$\pm 10\%$	
Repeatability	$\pm 5\%$	
Weight	6 Ounces	

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.

Notes

Calibration should be carried out annually from the date of first use (please contact us for more information). The meter comes complete with ground lead, battery not supplied.

Part Number Table

Description	Part Number
Surface Resistance Meter	MP005768

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.