

Digital Earth Resistance Meter

Model: 309



Features:

- 1- Measure Earth Resistance (20/200/2000 ohm ranges)
- 2- Measures Earth AC Voltage to 200VAC (40 to 500Hz)
- 3- Timed function test turns output off after a 3 to 5 min continuous test
- 4- 2mA Measuring current measures resistance without tripping circuit breakers
- 5- Data Hold
- 6- Small Light Weight
- 7- Auto Power Off
- 8- IEC 1010 CAT III 200V / CE
- 9- Included: Test Leads, Auxiliary Earth Spikes, Carrying Case and Batteries

Specifications:

Measurement Ranges	Earth Resistance: 0 - 20 Ω / 0 - 200 Ω / 0 - 2000 Ω Earth Voltage: 0 - 200V AC (40 - 500Hz)
Accuracy	Earth Resistance: $\pm(2\% \text{ rdg} + 2 \text{ dgt})$ or $\pm 0.1\Omega$, whichever is greater Earth Voltage: $\pm(1\% \text{ rdg} + 2 \text{ dgt})$
Earth Resistance Resolution	0 - 20 Ω (0.01 Ω); 0 - 200 Ω (0.1 Ω); 0 - 2000 Ω (1 Ω)
Measurement System	Earth resistance by constant current inverter 820Hz approx. 2mA.
Low Battery Indication	"B" symbol appears on the display
Data Hold Indication	"DH" symbol appears on the display
Over Range Indication	"1" (MSD)
Open Circuit Indication	LED will be unlit
Display LCD	3 1/2 digit (2000 counts)
Power Source	1.5V (AA) $\times$ 6
Dimensions	163 (L) $\times$ 100 (W) $\times$ 50 (D) mm
Weight	480g approx. (battery included)
Accessories Included	Test leads (red, yellow, green); Auxiliary earth bars; Heavy-duty case; Instruction manual; Batteries