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## **EARTH RESISTIVITY METER AZA0890**

The AZA0890 Earth Resistivity Meter is a professional-grade instrument designed for the accurate measurement of earth resistance, soil resistivity, and earth voltage. Built in compliance with ASTM G57, this instrument is essential for grounding system design, geotechnical investigations, electrical safety audits, and installation verification.

Engineered for field reliability and safety, the AZA0890 features multiple resistance ranges, integrated earth voltage detection, and a low-current testing mechanism, making it suitable for both new installations and live system assessments.



### **Key Features & Benefits**

- ASTM G57 compliant for standardized soil resistivity testing
- Wide measurement range for diverse soil and grounding conditions
- Earth voltage detection enhances operator safety
- Low test current (2 mA) prevents nuisance tripping of ELCBs/RCCBs
- Data hold function for easy field recording
- Auto power-off for battery conservation
- Portable and rugged design for on-site applications

### **Advantages**

- Accurate and repeatable measurements
- Safe operation even on energized systems
- Minimal maintenance requirements
- Suitable for field and industrial applications
- Reliable performance in varied environmental conditions



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**TECHNICAL SPECIFICATION**

<b>Parameter</b>	<b>Specification</b>
Model	AZA0890
Earth Resistance Ranges	0–20 $\Omega$ / 0–200 $\Omega$ / 0–2000 $\Omega$
Earth Voltage Range	0–200 V AC (40–500 Hz)
Measuring Current	2 mA (ELCB/RCCB safe)
Display	Digital LCD
Power Supply	Battery Operated
Auto Power-Off	Yes (3–5 minutes)
Data Hold	Yes
Safety Rating	IEC 1010, CAT III 200V
Calibration	Factory calibrated
Construction	Compact, lightweight housing