



Electronic Digital Earth Resistance Tester is direct replacement of the conventional hand generator type tester. It is designed for measurement of the resistance of earthing used in the electrical equipment as well as for measurement of ground resistivity. It can be used for measurements of the other low regular and liquid resistances. It can also be used for measurement of voltage AC, voltage DC and resistance. This instrument finds wide application for testing earthing installation in power based industries, telecommunication networks and electrical traction systems etc

General Specifications :

- **Earth resistance range** : 0 - 20 / 200 / 2000Ω
- **Display** : Large Backlit LCD with dual display
- **Multimeter function Range** : 200kΩ, 750V/ACV, 1000V/DCV.
- **Sampling Rate** : 2.5 times per second.
- **Zero Adjustment** : Automatic.
- **Over Range Indicator** : Number 1 of highest digit is displayed.
- **Low Battery Indication** : The " " is displayed when the battery Voltage drop below the operating voltage.
- **Data Hold** : To freeze the displayed data
- **Lock Facility** : For continuous hands free operation
- **Operating Temperature** : 0°C to 40°C (32°F to 104°F); < 80% RH
- **Storage Temperature** : -10°C to 60°C (14°F to 140°F); < 70% RH
- **Power source** : DC9V (6x1.5V Size "AA" battery or Equivalent)
- **Dimensions** : 200(L) x 92(W) x 50(H) mm
- **Weight** : Approx 700g include battery
- **Accessories** : 4 sets Test kits, 4pcs iron rods, 6pcs battery, Hard Carrying Case, manual.
- **Electrical Specifications** : Accuracies are specified in the way:
± (...% of reading +...digits) at 23°C ± 5°C, below 80% RH.

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



Export Sales: +91-9829132777
India Sales: +91-9588842361



IT-2013, Ramchandrapura Industrial Area,
Sitapura Extension, Jaipur-302022, India.



info@tesca.in
www.tescaglobal.com



Technical Specifications:

Earth resistance

Range	Resolution	Accuracy
20Ω	0.01Ω	+(3%+0.1Ω)
200Ω	0.1Ω	+(3%+3d)
2000Ω	1Ω	+(3%+3d)

DC Voltage

Range	Resolution	Accuracy	Input Impedance	Overload Protection
1000V	1V	+(0.8%+3)	10MΩ	1000Vrms

OHMS

Range	Resolution	Accuracy	Overload Protection
200kΩ	0.1kΩ	+(1%+2)	250Vrms

AC Voltage (40Hz~400Hz)

Range	Resolution	Accuracy	Input Impedance	Overload Protection
750V	1V	+(1.2%+10)	10MΩ	750Vrms

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