



EARTH RESISTANCE TESTER ERT-1

Features :

- 3½ LCD Digital Display, Big Screen for Easy Reading.
- Capability of Preventing Disturbance from Earth Voltage, Promise Normal Test without Open the Circuit.
- If Auxiliary Earth Resistance of Potential Terminal R_p and of Current Terminal R_c are as below value:
 $R_p \leq 50k\Omega$
 $R_c \leq 1k\Omega$ (range 0.00 to 19.99 Ω)
 $R_c \leq 10k\Omega$ (range 20.0 to 199.9 Ω), 200 to 1999 Ω .
 There is no influence on measuring.
- If Earth Return Circuit is Opened, OPEN CIRCUIT is displayed on LCD.
- Battery Supply, Low Battery Indication.

Earth Resistance Tester ERT-1 can be used for measuring the earth resistance of various earth installations and the resistance of low resistance conductors, and also be used for testing earth resistivity and testing earth voltage.



Specifications

| Measuring Parameter | Earth Resistance | Earth Voltage |
|----------------------------------|---|---------------------------|
| Measuring Range | (0.00 to 19.99) Ω (20.0 to 199.9) Ω ((200 to 1999) Ω | (0.00 ~ 19.99) V |
| Accuracy | $\pm(5\% \text{ RDG}+2d)$ | $\pm(5\% \text{ RDG}+2d)$ |
| Testing Current | 5mA (0.00 to 19.99) Ω 0.5mA (20.0 to 199.9) Ω 0.5mA ((200 to 1999) Ω | |
| Operating Temperature & Humidity | 0°C to 50°C, <85% RH. | |
| Withstand Voltage | AC 1.5kV, 50Hz, 1 min. | |
| Power Supply | 8 x 1.5V (AA, R6 Battery). | |
| Dimensions (mm) | 260 (L) x 135 (W) x 70 (D). | |
| Weight | 0.8 Kg. | |