



PRODUCT FUNCTION

- It conducts earth resistance measurement via precision 4-wire method, 3-wire method and simple 2-wire method, as well as soil resistivity measurement, earth voltage measurement and AC/DC voltage measurement.

PRODUCT FEATURES


- The tester is light in weight, easy to carry and more convenient to operate.
- It can measure soil resistivity quickly.
- It has the function of judging auxiliary earth stakes. The tester can display the resistance value of auxiliary earth stakes during testing, which can avoid errors caused by excessively high earth resistance of auxiliary earth electrodes.
- It is equipped with auxiliary stake alarm function and voltage alarm function.

TECHNICAL SPECIFICATION

Power Supply	DC9V, Alkaline dry battery (LR6 1.5V*6PCS)
LCD Display	58mm x 46mm
Measurement Method	Earth resistance: rated current pole-changing method Soil resistivity: four-pole method; AC/DC voltage: effective value acquisition
Earth Resistance Measurement	Range: 0.00Ω ~ 30.00kΩ Resolution: 0.01Ω Accuracy: ± 2 % rdg ± 3dgt
Soil Resistivity Measurement	Range: 0.00 Ω m ~ 9999kΩm Resolution: 0.01Ωm Accuracy: ± 2 % rdg ± 3dgt
AC/DC Voltage Measurement	Range: 0.0V ~ 600V Resolution: 0.1V Accuracy: ± 2%rdg ± 3dgt
Test Frequency	128Hz / 111Hz / 105Hz / 94Hz (AFC)
Test Current	> 20mA (sine wave)
Test Indicator	The TESTING indicator light is always on, indicating that the earth resistance is being tested.
Auxiliary Stake Alarm	Judged by R P(S)R C(H) OK indicator lights; avoids errors caused by excessively high earth resistance of auxiliary earth electrodes.
Voltage Alarm	When the voltage >36V, the Live circuit indicator light flashes and the buzzer alarms.
Data Hold	The HOLD symbol is displayed when holding data.
Data Storage	300 groups; the character FULL is displayed when the storage is full
Data Review	The READ symbol is displayed when reviewing data.

ETCR METER®

GUANGDONG ETCR ELECTRONIC TECHNOLOGY CO.,LTD.

Measurement Time	Earth voltage: approx. 3 times/second; Earth resistance & soil resistivity: approx. 15 seconds/time
Auto Power Off	Automatically powers off 10 minutes after no operation
Battery Voltage	While battery voltage drop to 7.2V, low battery voltage symbol "  " will flash display, and remind to replace the battery
Overload Protection	Earth resistance: Between E-P,E-C each terminal AC 280V/3second
Electromagnetic Property	IEC61010-4-3, wireless frequency electromagnetic field ≤ 1V/m
Working Current	Backlight: 56mA Max Standby: 20mA Max (Backlight off) Measurement: 200mA Max (Backlight off)
Weight	Approx. 3.34kg (include accessories)
Tester Dimension	183mm (L) x 89mm (W) x 56mm (H)
Accessories	Tester*1PC Ground stake*2PCS Test line*3PCS Simple test line*1PC Tool bag*1PC LR6 battery*6PCS