



Product Function

Precision 3-wire and simple 2-wire method earth resistance measurement, voltage to earth measurement, low value resistance measurement.

Product features

1. With unique function of line resistance calibration, anti-interference capability and Environment adaptability, which can be more accurate for earth resistance measurement.
2. Packing with waterproof protection case, which is waterproof, crash proof, anti-drop and durable, and equip with the large-capacity rechargeable lithium battery pack, especially suitable for using at outdoor construction site.
3. The host equip with supper large LCD, with white backlight and bar graph indication which can reading clearly and obvious. And the tester has alarm function, overload protection function, automatic shutdown and data upload function.

Technical Specification

Earth Resistance	Range:0.01Ω~2000Ω	Resolution:0.01Ω	Accuracy:±2%rdg±3dgt
Earth Voltage	Range:0V~600V AC	Resolution:1V	Accuracy:±2%rdg±3dgt
Power Supply	DC 7.4V 2600mAh rechargeable lithium battery, battery charge full about 8.4V		
Tester Dimension	280mm(L)X260mm(W)X160mm(H)		
Weight	Host: about 4730g; Total weight: about 5kgs(include accessories and package)		
Measurement Method	Earth resistance: rated current change-pole method, test current 20mA Max; Voltage to earth: average value rectification method		
Test Frequency	128Hz/111Hz/105Hz/94Hz(AFC)		
Test Current	>20mA(Sine wave)		
Measurement Time	Voltage to earth: 3 times/second; Earth resistance: 15 seconds/time		
Data Storage	400 groups , flash display " FULL " symbol indicate the storage is full		
Data Hold	Data hold function: " HOLD " symbol display		
Data Access	Data access function: " READ " symbol display		
Overflow Display	Over range overflow function: " OL " symbol display		
Auxiliary Ground Stake	2 PCS: Φ9mmX230mm		
Test Line	Red 15m, yellow 10m, green 5m, red 1.6m, green 1.6m (total 5PCS)		
USB Interface	Equip with USB interface, software monitoring, storage data can be uploaded to computer, saved and printed; Communication cable length:1.5m		
Line Resistance Calibration	Avoid errors caused by the test line not fully inserted into the tester interface or poor contact or the user replaces the lengthened test line, ensure earth resistance measurement accurate		
Alarm Function	When the measured value exceed alarm setting value, will have "Du--du--du" alarm sound		
Automatic Shutdown	10 minutes without any operation after starting up, the tester will shutdown automatically		
Battery Voltage	While battery voltage drop to DC 7.2V±0.1V, low battery voltage symbol"  " will display, and remind to Charge in time		
Overload Protection	Earth resistance: between each interfaces of E-P,E-C , AC 280V/3 seconds		
Protection Level	IP65 (close the case)		
Working Current	Backlight: 25mA Max; Standby: 25mA Max(Backlight off); Measurement:70mA Max(Backlight off)		
Accessories	Tester:1PCS; Ground stake:2PCS; Test line:3PCS; Simple test line: 2PCS; USB communication cable :1PCS; Tool bag:1PC; Special charger:1PCS		