



### Product Function

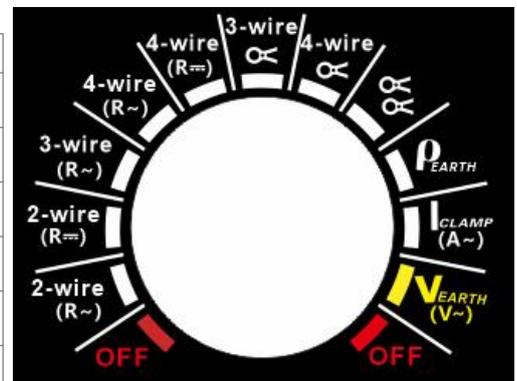
Precise 4-wire method, 3-wire method, simple 2-wire method, selection method and double clamp method earth resistance measurement, soil resistivity measurement, earth voltage measurement, earth current measurement, DC resistance measurement.

### Product features

1. Import FFT (Fast Fourier Transform Algorithm) and AFC (Automatic Frequency Control) technology. With unique antijamming capability and environmental adaptability, high consistency of retest.
2. Unique designed of the jack indicator, accurately indicating the location of the jack. With 12gears function selection knob, all test methods clear to display, operate simple and fast.
3. 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.
4. The host equip with large LCD, with white backlight and bar graph indication which can reading clearly and obvious.
5. With alarm function, overload protection function, automatic shutdown function, also with the data storage, data access and data upload by USB interface function.
6. Support Bluetooth communication function of Android system, after installing APP, can use the mobile terminal to operate testing and reading the test records, with the good and new experience.

### Measurement Gears

Knob Gears	Function	Knob Gears	Function
OFF	Shutdown	3-wire	3-wire selection method measure earth resistance
2-wire (R~)	2-wire method measure earth resistance	4-wire	4-wire selection method measure earth resistance
2-wire (R=)	2-wire method measure DC resistance	⊗	Double clamp method measure earth resistance
3-wire (R~)	3-wire method measure earth resistance	ρ <sub>EARTH</sub>	Wenner Method measure soil resistivity
4-wire (R~)	4-wire method measure earth resistance	I <sub>CLAMP</sub> (A~)	Grounding interference current
4-wire (R=)	4-wire method measure DC resistance	V <sub>EARTH</sub> (V~)	Grounding interference voltage



### Technical Specification

<b>Power Supply</b>	DC7.4V 2600mAh rechargeable lithium battery		
<b>2/3/4-wire Method Measure Earth Resistance</b>	Range: 0.00Ω~300KΩ	Resolution: 0.01Ω	Accuracy: ±2%rdg±3dgt
<b>Selection Method Measure Earth Resistance</b>	Range: 0.00Ω~3000Ω	Resolution: 0.01Ω	Accuracy: ±2%rdg±3dgt
<b>Double Clamp Method Measure Earth Resistance</b>	Range: 0.00Ω~100Ω	Resolution: 0.01Ω	Accuracy: ±10%rdg±5dgt
<b>Earth Voltage Measurement</b>	Range: 0.0~100.0V AC	Resolution: 0.1V	Accuracy: ±2%rdg±3dgt
<b>Earth current Measurement</b>	Range: 0.0mA~600.0A	Resolution: 0.0mA	Accuracy: ±2%rdg±3dgt
<b>Soil Resistivity Measurement</b>	Range: 0.00Ωm~9000KΩm	Resolution: 0.01Ωm	
<b>CT Size</b>	φ70mm		
<b>Short-circuit Test Current</b>	AC 250mA max		
<b>Open-circuit Test Current</b>	AC 40V max		
<b>Test Frequency</b>	128Hz/111Hz/105Hz/94Hz(AFC)		
<b>Data Storage</b>	2000 groups		

<b>Automatic Shutdown</b>	15 minutes without any operation after starting up, the tester will shutdown automatically
<b>LCD Dimension</b>	128mmX75mm; LCD display area:124mX*67mm
<b>Tester Dimension</b>	280mm(L)X260mm(W)X160mm(H)
<b>Instrument Weight</b>	6.13kg(include accessories)
<b>Working Current</b>	Standby: 25mA (Backlight off); Measurement:100mA (Backlight off)
<b>USB Interface</b>	Equip with USB interface, software monitoring, storage data can be uploaded to computer, saved and printed
<b>Bluetooth Communication</b>	Support Bluetooth communication function of Android system, after installing APP, can use the mobile terminal to operate testing and reading the test records
<b>Alarm Function</b>	When the measured value exceed alarm setting value, will have "Du--du--du" alarm sound
<b>Battery Voltage</b>	While battery voltage drop to DC 7.2V±0.1V, low battery voltage symbol"  " will display, and remind to Charge in time
<b>Accessories</b>	Tester:1PCS;Clamp current sensor:2PCS; Ground stake:4PCS; Test line: 6PCS; USB communication cable:1PCS; Special charger: 1PCS; Tool bag:1PCS