

### Product Function

Precision 3-wire and simple 2-wire method earth resistance measurement, voltage to earth 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. The host equip with supper large LCD, with white backlight and bar graph indication which can reading clearly and obvious.
3. Alarm function, data storage function.



### Technical Specification

<b>Earth Resistance</b>	Range:0.01Ω~2000Ω	Resolution:0.01Ω	Accuracy:±2%rdg±3dgt
<b>Earth Voltage</b>	Range:0V~600V AC	Resolution:1V	Accuracy:±2%rdg±3dgt
<b>Power Supply</b>	DC 9V (Alkaline dry battery LR14 1.5VX6 PCS )		
<b>Tester Dimension</b>	212mm(L)X175mm(W)X85mm(H)		
<b>Weight</b>	About 3.05kgs(include accessories)		
<b>Measurement Method</b>	Earth resistance: rated current change-pole method, test current 20mA Max; Voltage to earth: average value rectification method		
<b>Test Frequency</b>	128Hz		
<b>Test Current</b>	>20mA(Sine wave)		
<b>Measurement Times</b>	Over 5000 times (20Ω range measuring 10Ω, measurement one time should stop about 25 seconds and then retest)		
<b>Measurement Time</b>	Voltage to earth: 3 times/second; Earth resistance: 5 seconds/time		
<b>Data Storage</b>	400 groups , flashes display "FULL" symbol indicate the storage is full		
<b>Data Hold</b>	Data hold function : "HOLD" symbol display		
<b>Data Access</b>	Data access function: "READ" symbol display		
<b>Overflow Indication</b>	Over range overflow function: "OL" symbol display		
<b>Line Resistance Calibration</b>	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		
<b>Alarm Function</b>	The measured value exceed alarm setting value, LCD will day " )) " and alarm		
<b>Automatic Shutdown</b>	15 minutes without any operation after starting up, the tester will shutdown automatically		
<b>Battery Voltage</b>	While battery voltage drop to around 7.8V, low battery voltage symbol " " will display, and remind to replace the battery		
<b>Overload Protection</b>	Earth resistance: between each terminal of E-P,E-C, AC 280V/3 seconds		
<b>Electromagnetic Property</b>	IEC61010-4-3,Wireless frequency electromagnetic field≤1V/m		
<b>Working Current</b>	Backlight:25mA Max; standby: 25mA Max(Backlight off); Measurement:70mA Max(Backlight off)		
<b>Accessories</b>	Tester:1PC; Ground stake:2PCS; Testing line:3PCS; Simple test line:1PCS; Tool bag:1PCS; LR14 battery: 6PCS		