




### Product Function

2-wire method, 3-wire method earth resistance measurement, earth current measurement, earth voltage measurement.

### Product features

1. The tester body is light, easy to carry and operate.
2. With the function of judgement the auxiliary grounding stake, the tester can display the resistance value of the auxiliary grounding stake in testing, which can avoid the error caused by the excessive earth resistance of the auxiliary ground stake.
3. With line resistance calibration function, which can avoid the error caused by the bad contact of the test line. It makes the measurement of low earth resistance more accurate and reliable in the site.
4. Earth current measurement, equipped with clamp current sensor, which can test the grounding wire current, and detect the grounding fault.
5. Earth voltage measurement function.

### Technical Specification

<b>Power Supply</b>	DC9V, Alkaline dry battery (LR6 1.5V X6PCS)
<b>Measurement Method</b>	Earth resistance: rated current change-pole method, test current 20mA Max; Voltage to earth: average value rectification method
<b>Earth Resistance Measurement</b>	Range: 0.10Ω~2000Ω Resolution: 0.01Ω Accuracy: ±2%rdg±3dgt
<b>Earth Current Measurement</b>	Range: 0mA~100A AC Resolution: 1mA Accuracy: ±2%rdg±3dgt
<b>Earth Voltage Measurement</b>	Range: 0~200V AC Resolution: 1V Accuracy: ±2%rdg±3dgt
<b>LCD Display</b>	LCD display area: 58mmX46mm
<b>Tester Dimension</b>	160mm(L)X100mm(W)X66mm(H)
<b>Weight</b>	Host: about 470g; Clamp current sensor: about 190g; Total weight: about 2125g (include accessories)
<b>Test Indicator</b>	<b>TESTING</b> indicator light up, indicate that earth resistance is testing
<b>Auxiliary Grounding Indicator</b>	<b>R P(S) R C(H) OK</b> Indicator light up, indicates that the auxiliary grounding electrode is qualified and the test result is accurate. Otherwise, please re-select the auxiliary grounding point
<b>Measurement Time</b>	Earth resistance: 15 seconds/time; Voltage to earth: 2 times/second; Current: 2times/second
<b>Auxiliary Ground Stake</b>	2PCS: φ9mm×230mm
<b>Test Wires</b>	Red 15m, yellow 10m, green 5m, red 1.5m (total 4PCS)
<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>Automatic Shutdown</b>	3 minutes without any operation after starting up, the tester will shutdown automatically
<b>Battery Voltage</b>	While battery voltage drop to around 7.2V, low battery voltage symbol"  will flash display, and remind to replace the battery
<b>Overload Protection</b>	Earth resistance: between each interfaces of <b>E-P, E-C</b> is AC 280V/3 seconds
<b>Electromagnetic Property</b>	IEC61010-4-3, wireless frequency electromagnetic field≤1V/m
<b>Working Current</b>	Backlight:56mA Max; Standby: 20mA Max(Backlight off); Measurement: 200mA Max(Backlight off)
<b>Accessories</b>	Tester:1PCS; Current sensor: 1PCS; Ground stake: 2PCS; Test line: 3PCS; Simple test line:1PCS; Tool bag:1PCS; LR6 battery: 6PCS