




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

Power Supply	DC9V, R6 AA dry batteryX6PCS
Measurement Method	Earth resistance: rated current change-pole method, test current 20mA Max; Voltage to earth: average value rectification method
Earth Resistance Measurement	Range: 0.10Ω~2000Ω
	Resolution: 0.01Ω Accuracy: ±2%rdg±3dgt
Earth Current Measurement	Range: 0mA~100A AC
	Resolution: 1mA Accuracy: ±2%rdg±3dgt
Earth Voltage Measurement	Range: 0~200V AC
	Resolution: 1V Accuracy: ±2%rdg±3dgt
LCD Display	LCD display area: 58mmX46mm
Tester Dimension	160mm(L)X100mm(W)X66mm(H)
Weight	Host: about 470g; Clamp current sensor: about 190g; Total weight: about 2125g (include accessories)
Test Indicator	TESTING indicator light up, indicate that earth resistance is testing
Auxiliary Grounding Indicator	R P(S) R C(H) OK 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
Measurement Time	Earth resistance: 15 seconds/time; Voltage to earth: 2 times/second; Current: 2times/second
Auxiliary Ground Stake	2PCS: φ9mm×230mm
Test Wires	Red 15m, yellow 10m, green 5m, red 1.5m (total 4PCS)
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
Automatic Shutdown	3 minutes without any operation after starting up, the tester will shutdown automatically
Battery Voltage	While battery voltage drop to around 7.2V, low battery voltage symbol"  will flash display, and remind to replace the battery
Overload Protection	Earth resistance: between each interfaces of E-P,E-C is AC 280V/3 seconds
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)
Accessories	Tester:1PCS; Current sensor: 1PCS; Ground stake: 2PCS; Test line: 3PCS; Simple test line:1PCS; Tool bag:1PCS