

ETCR[®] ETCR2300/2300B Ground Pole Type Clamp Earth Resistance Tester



Product Function

Earth resistance measurement, loop resistance measurement, soil resistivity measurement, earth voltage measurement, grounding down lead leakage current and grounding fault judgement.

Product features

1. Use the clamp method, 2-wire method, 3-wire method, 4-wire method, selection method and other measurement methods to measure earth resistance.
2. Equip with 2.5-inch color LCD screen, and also with USB and charge port, with storage function, clock function, automatic storage the test results 500groups which containing the date and time.
3. Support Android system Bluetooth communication function, after installing APP can test or read test records in mobile, bring new experience.

Technical Specification

Model	ETCR2300	ETCR2300B
Earth Resistance Range	0.00Ω~20kΩ	0.00Ω~200kΩ
Soil Resistivity Range	0.00Ωm~9999kΩm	0.00Ωm~9999kΩm
Earth Current Range	0.000mA~20A	0.000mA~45A
Earth Voltage Range	0.0V~600.0V	0.0V~600.0V
Power Supply	DC 3.7V 2600mAh rechargeable lithium battery, full charge about 4.2V	
Display Mode	2.5 inch colorful LCD screen	
Earth Resistance	Clamp method, 2-wire method, 3-wire method, 4-wire method, selection method	
Test Frequency	128Hz/111Hz/105Hz/94Hz(AFC automatic frequency selection)	
Short-circuit Test Current	AC 10mA max	
Open-circuit Test Voltage	AC 14V max	
Electrode Spacing Range	1m~100m	
Clamp Jaw Size	65mmX32mm	
Tester Dimension	307mm(L)X98mm(W)X56mm(H)	
Tester Weight	Tester: about 1112g(include the battery); Total weight: about 5.1kg(include all accessories)	
Auxiliary Ground Rod	4 PCS: Φ9mmX230mm	
Test Line	4PCS: red 20m, black20m, yellow 10m, green 10m	
Simple Test Line	2PCS: red 1.6m, black 1.6m	
Measurement Times	Over 5000 times(short-circuit test, after one testing must stop 30s then can test again)	
Line Voltage	Measurement below AC 600V	
Data Storage	500groups	
Audible & Visual Alarm	"Du—du—du" alarm sound	
Automatic Shutdown	5 minutes without any operation after starting up, the detector will shutdown automatically	
Shift	Automatic	
External Magnetic & Electric Field	<40A/m; <1V/m	
Resistance Measurement Frequency	>1KHz, 128Hz	
Connection Interface	USB charge interface	
Accessories	Tester:1PC; Test ring: 1PCS; USB charge cable: 1PCS; Charger: 1PCS; Ground stake: 4PCS; Test line: 4PCS; Simple test line: 2PCS; Tool bag: 1PCS	