

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 Adaptor: 1PCS; Ground stake: 4PCS; Test line: 4PCS; Simple test line: 2PCS; Tool bag: 1PCS | |