



Product Function

Used for online monitoring earth resistance, earth continuity, soil resistivity, step voltage, contact voltage and earth surface electric potential gradient of the large grounding network device.

Product Features

1. Equip with RS485 interface, the test data can be uploaded to PC or industrial computer to realize remote online monitoring the various grounding parameters.
2. Equip with touch colorful screen, test function and selection are convenient and easy, and it is very convenient to view test results and historical records.
3. "HELP" button view the wiring diagram and operate instruction clear and obvious.
4. The output current is 1A ~ 5A, voltage is 400V, and adopt the automatic frequency conversion technology and software and hardware filtering technology, which make the tester have high anti-interference performance, test data will stable and reliable.
5. With the function of testing current stake and voltage stake, which is used to diagnose the faults of poor connecting lines, voltage and current stake.
6. With self-checking function, equip with 0.5Ω standard resistance, which can self-checking the tester at any time to ensure the accuracy of test results.
7. Supports Bluetooth communication of Android system. After installing the APP, can test or view the test results on the mobile.

Technical Specification

Power Supply	AC220V±10%, 50Hz
Display Screen	5inch touch colorful screen
Impedance Measurement Range	0.000Ω~2000Ω
Max. Resolution	0.001Ω
Measurement Error	±2%rdg±5dgt
Soil Resistivity Range	0Ωm~125kΩm(Depends on resistance measurement range and test length)
Soil Resistivity Accuracy	According to the measurement accuracy of $R(\rho=2\pi aR; a: 1\text{ m}\sim 100\text{m}; \pi=3.14)$
Anti-Power Frequency/ Voltage Interference Ability	10V(50Hz)
Test Current Wave	Sine Wave
Test Current Frequency	Optional one or two frequency point between with 40Hz~60Hz
Max. Current Output	5A
Output Current Level	1A, 2A, 3A, 4A, 5A
Max. Voltage Output	400V
Tester Dimension	450X296X280mm
Instrument Weight	The host weight: about 26KG, total wight: about 37.6KG(include accessories)
Data Storage	1000 groups
Communication Interface	RS485 interface, data upload function
Bluetooth Communication	Support Android System
Working Temperature & Humidity	-10°C~40°C; Below 80%RH
Withstand Voltage	AC 3700V/rms(between the circuit and shell)
Accessories	Host tester: 1PCS; Test line: 4PCS; Ground line: 1PCS; Power line: 1PCS; USB data cable: 1PCS, Ground stake: 4PCS; Self-checking standard resistor: 1PCS; 25A ceramic fuse: 4PCS; 2A fuse: 1PCS; Tool bag: 1PCS