

Product Function

Earth resistance test, insulation resistance test, DC resistance test, leakage protector (RCD) test, electrical socket detection, AC voltage, AC current, power, harmonics, phase sequence and other electrical parameter measurement.

Product Features

1. 5-inch touch colorful screen, easy to carry and simple to operate.
2. The housing insulation, sealing, anti-leakage, anti-wind & sand, shock protection and other functions.
3. Equip with large capacity rechargeable lithium battery, especially suitable for outdoor construction sites.
4. Automatic shutdown function, data upload function.



Technical Specification



Power Supply	DC 7.4 V 10400mAh rechargeable lithium battery, full charge approx. DC8.4V		
Display Mode	5 inch touch colorful screen		
Earth Resistance	Range: 0.10Ω~3000Ω	Resolution:0.01Ω	Accuracy: ±2%rdg±5dgt
Insulation Resistance	Output Voltage:50V, 250V, 500V, 1000V		
	Range: 0.01MΩ~80GΩ	Resolution:0.01MΩ	Accuracy: ±3%rdg±5dgt
DC Resistance	Range: 0.10Ω~3000Ω	Resolution:0.01Ω	Accuracy: ±5%rdg±5dgt
Leakage Protection	Current gear: 15mA~500mA		
	Leakage Initiating Time Range: 0.0ms~999ms		Resolution:0.0ms
AC Voltage	Range: 0.10V~500.00V	Resolution:0.01V	Accuracy: ±2%rdg±5dgt
AC Current	Range: 0mA~300.0A	Resolution:1mA	Accuracy: ±2%rdg±5dgt
Phase Range	0.0°~360.0°		
Frequency Range	45.00Hz~65.00Hz		
Active Power Range	0.0W~150kW		
Reactive Power Range	0.0var~150kvar		
Apparent Power Range	0.0VA~150kVA		
Power Factor	-1.000~1.000		
Temperature Test	Yes		
Phase Sequence Test	Yes		
Harmonic Function	3 orders harmonic ratio, 5 orders harmonic ratio		
Communication Interface	Equip with TYPE-C interface, software monitoring, and the stored data can upload to computer to save and print		
Data Storage	1000 groups		
Automatic Shutdown	Customs setting the automatic shutdown time: 0~60minute, 0 mean will not automatic shutdown		
Time Setting	Yes		
Bluetooth Communication	Yes		

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Battery Voltage	When the battery voltage drop to DC 7.2V±0.1V, the battery volatge symbol "🔋" will display and remind to charge
Power Consumption	12W Max.
Weight	Approx. 5kg
Working Temperature & Humidity	-10℃~40℃; below 80%RH
Storage Temperature & Humidity	-10℃~60℃; below 70%RH
Protection Level	IP65(close the case)
Overload Protection	Measure earth resistance: between each interfaces of C(H)-E 、 P(S)-ES , AC 280V/3 seconds
Insulation	Above 10MΩ (between the circuit and shell is 500V)
Withstand Voltage	AC 3700V/rms(between the housing and screws)
Electromagnetic Property	IEC61010-4-3, Wireless frequency electromagnetic field≤1V/m
Safety Regulations	IEC61010-1, CAT III 600V, Pollution Degree 2, IEC61010-031; IEC61557-1(earth resistance); JJG 366-2004 (ground resistance meter); JJG 1005-2019 Electronic type insulation resistance meter; JJG 843-2007 Leakage current tester; JJF 1283-2011 Calibration specification for residual current operated protective device action characteristic tester
Accessories	Tester: 1PCS; Tool bag: 1PCS; Auxiliary earth spike: 2PCS; Earth test line: 3PCS; Simple test line: 1PCS; Common test line: 2PCS; Alligator clip: 2PCS; Pen probe: 2PCS; Socket test line:1PCS; Charger: 1PCS