

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

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



TECHNICAL SPECIFICATION



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|--------------------------------|--|--------------------|----------------------------|
| 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 | | |

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ETCR METER®

GUANGDONG ETCR ELECTRONIC TECHNOLOGY CO.,LTD.

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|--|---|
| Time Setting | Yes |
| Bluetooth Communication | Yes |
| 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*1PC; Tool bag*1PC; Auxiliary earth spike*2PCS; Earth test line*3PCS; Simple test line*1PC; Common test line*2PCS; Alligator clip*2PCS; Pen probe*2PCS; Socket test line*1PC; Charger*1PC |

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