



# EK-C365 Grounding Down Lead Continuity Tester



## Product Function

Used for measuring the conductive resistance value between the grounding down Lead of power equipment and the grounding network, and measuring the conductor DC resistance.

## Product features

1. The tester has two power supply modes: AC 220V and built-in large-capacity lithium battery, which can meet the user's requirements in various sites.
2. Two measurement modes, automatic measurement mode: the test current can be automatically selected according to the load. Manual measurement mode: 4 test current gears are available.
3. The maximum output voltage is 24V, the maximum test current is 10A, and the test speed is fast. It can be applied to various grounding network continuity resistance and other DC resistance measurements.
4. Equip with 5-inch true colorful LCD touch screen, which is dual-purpose touch screen/button for measurement and operation. And equip with built-in printer, Bluetooth communication, USB interface.

## Technical Specification

|                          |                                                                                                                                                                                                                   |       |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Measurement Method       | Precision 4-wire method, two channel A/D simultaneous detection                                                                                                                                                   |       |
| Power Supply             | AC 220V                                                                                                                                                                                                           |       |
| Display Screen           | 5 inch colorful touch screen, resolution: 480X854                                                                                                                                                                 |       |
| Built-in Lithium Battery | DC 22.2V 5200mAh                                                                                                                                                                                                  |       |
| Measurement Range        | 1.000mΩ~10.00Ω                                                                                                                                                                                                    | AUTO  |
|                          | 1.000mΩ~20.00mΩ                                                                                                                                                                                                   | 10A   |
|                          | 10.00mΩ~200.0mΩ                                                                                                                                                                                                   | 5A    |
|                          | 100.0mΩ~2.000Ω                                                                                                                                                                                                    | 1A    |
|                          | 1.00Ω~10.00Ω                                                                                                                                                                                                      | 100mA |
| Max Resolution           | 1uΩ                                                                                                                                                                                                               |       |
| Measurement Accuracy     | 0.5%FS                                                                                                                                                                                                            |       |
| Test Current Gear        | AUTO, 10A, 5A, 1A, 100mA                                                                                                                                                                                          |       |
| Output Voltage           | 24V MAX                                                                                                                                                                                                           |       |
| Measurement Radius       | 50m                                                                                                                                                                                                               |       |
| Measurement Time         | Sampling AD speed 1s/time                                                                                                                                                                                         |       |
| Alarm Function           | Can set the alarm value, When the test value exceeds the alarm setting value, the buzzer will have alarm sound prompt                                                                                             |       |
| Data Storage             | The results are displayed automatically after each testing, data storage 600 groups (data will not be lost after power failure or battery replacement)                                                            |       |
| Discharge Function       | Automatic discharge after testing, and discharge indication clear, avoid the misoperation                                                                                                                         |       |
| Automatic Shutdown       | After setting automatic shutdown, 15 minutes without any operation after starting up will automatic shutdown                                                                                                      |       |
| Printer                  | Built-in printer                                                                                                                                                                                                  |       |
| Withstand Voltage        | AC 3700V/rms(between the housing and screws)                                                                                                                                                                      |       |
| Bluetooth Communication  | Bluetooth interface; with APP, stored data can be saved and analyzed                                                                                                                                              |       |
| USB Communication        | USB interface; with host computer software, stored data can be uploaded to a computer for storage, analysis and printing                                                                                          |       |
| Meter Dimensions         | 280mmX260mmX160mm                                                                                                                                                                                                 |       |
| Meter Weight             | Total weight: 20.1kg(include all accessories)                                                                                                                                                                     |       |
| Accessories              | Tester: 1PCS; Power Line: 1PCS; Test Line: 2PCS(each 1PCS of red and black); Ground lead: 1PCS; Charger: 1PCS; USB communication cable: 1PCS; 3.75mΩ standard resistor: 1PCS; Print paper: 1roll; Tool Case: 1PCS |       |

