



## Description

■ The T-9 is a battery-powered, handheld circuit resistance tester that uses state-of-the-art technology. It can perform circuit breaker contact, busbar connection and high current connection testing. It can also be used in any high precision, low resistance test situations.

■ T-9 is ideally suited for field and factory environments. The simple control panel design makes the device particularly easy to operate. The user only needs to follow the instructions to wire the device and click the test button to generate test results.

■ T-9 is different from the current micro-ohmmeters on the market, it can automatically and steadily output ripple-free current to ensure accurate test results.

■ The high-capacity Li-Po battery (5600mAh) enables T-9 to perform continuous loop resistance testing while generating up to 250A DC ripple-free current, which making the device suitable for many different operating scenarios.

■ T-9's internal storage unit can store more than 1,000 sets of test data, and the data can be transferred from the device to the phone and PC, where the user can check the test data directly on the phone.

## Characteristics

- Portable--only 1.25kg
- High power - 250A high current output
- Simple UI design
- Data transmission by handset software
- Longest optional 15m test wire

## Applications

### Circuit Breaker Test

- Circuit breaker contact testing
- Circuit breaker connection testing

### Busbar testing

- Busbar connection point test
- Connection test
- All high current occasions for testing resistance
- Switch
- Isolation device
- Safety ground connection
- Welding spot
- Fuse wire
- Cable

## Technical data

### Battery

- Type 1-cell – 5600 mAh Li- Po  
(User-replaceable)
- Voltage 37 V
- Recharge time 2 h

### AC Adapter

- Input voltage 90 – 264 V AC, 50/60 Hz
- Output voltage 12 V DC
- Output current 3 A

### Output Data

- Test current range up to 250A DC (adjustable)
- Maximum output voltage 4.1 V DC  
(non-loaded)

### Measurement

- Resistance range 0 – 2000 mΩ
- Resolution
 

0.1 – 999.9 μΩ	0.1 μΩ
1.000 – 9.999 mΩ	0.001 mΩ
10.00 – 99.99 mΩ	0.01 mΩ
100.0 – 999.9 mΩ	0.1 mΩ
1000 – 3000 mΩ	1 mΩ
- Typical accuracy ±(0.1 % rdg+0.1 % FS)

### Applicable Standards

- Installation/ overvoltage category II
- Pollution degree 2
- Safety Directive 2014/35/EU  
(CE conform)  
Standard EN61010-1
- EMC Directive 2014/30/EU  
(CE conform)  
Standard EN 61326-1:2006  
CAN/CSA-C22.2 No. 61010  
-1.2nd edition

### CE-marking

- EMC 2004/108/EC
- LVD 2006/95/EC

### Memory

- Internal 2 GB SD card
- Store up to 1000 measurements

### Interface

- Bluetooth connect the device and PC

### Real time clock

- Accuracy ±5 seconds per month
- Calendar 100 leap year detection
- Retention time more than 10 years  
(non-battery)

### Environment Conditions

- Operating temperature -10 °C - + 55 °C /  
+14 °F - +131 °F
- Storage & transportation -40 °C - +70 °C /  
temperature -40 °F - +158 °F
- Humidity 5 % - 95 % relative humidity

### Environment Protection (IP rating)

- Device IP54
- Device in plastic case IP67

### Dimensions and Weight

- Dimensions (L x W x D) 262\*135\*50 mm  
10.3 in x 5.3 in x 1.9 in
- Weight 1.25 kg / 2.1 lbs

### Warranty

- 1 year