

# Resistance Tester

## Handheld DC Resistance Tester 10A

### TR-3710



#### Product description:

TR-3710 Portable DC Resistance Tester, also known as transformer DC resistance tester, DC resistance rapid tester, grounding conductivity tester, adopts microprocessor technology, four-wire test, safe, precise and reliable. Is mainly used for measurement of transformer winding resistance, transformer winding resistance, ground down lead conduction testing and etc. it's connection between objects such as metal components resistance test. TR-3710 is composed of a host, monitoring software, test line & communication line. Host handheld portable design is convenient for field application with charging function without on-site power search, full-color large LCD display, clear at a glance, easy to use touch screen operation, port overload protection function. The upper computer software has the functions of reading, consulting, saving and reporting historical data.

#### Features

- Resistance range 10.0uΩ ~ 50.00KΩ
- Measuring current range 10A, 5A, 1A, 0.1A, 10mA, 1mA
- Maximum short circuit current at 10A
- Detection method with four-wire test
- Precision  $\pm 0.2\%FS \pm 10dgt$
- Touch screen operation
- The upper computer software has the functions of reading, consulting, saving and reporting historical data

#### Field Applications



#### Specifications

Model	TR-3710
Display	108 x 65 mm, LCD full color, Touch-screen operation with Back-light
Function	Mainly used for measurement of transformer dc resistance, transformer winding resistance, network connectivity, cable conductor resistance, contact resistance of switches, connectors, relays, winding, motor, transformer winding resistance and metal riveting resistance, metal component coupling between resistance test, low resistance testing, contact resistance testing, etc.
Resistance Range	10.0μΩ ~ 50kΩ
Resistance Resolution	0.1μΩ
Detection Method	4-wire test
Maximum Short Circuit Current	10A
Protection	Overload, self-discharge
Data storage	500 groups
Interface	USB
Other functions	Withstand voltage AC 3700V/RMS (between circuit and housing), Auto Power-off : after no operation about 15 minutes
Power supply	DC 12.6V 2500mAh large-capacity lithium battery
Power Dissipation	Standby 116mA (20% brightness), Measurement at 27W Max
Dimensions (LxWxD)	240mm x 188mm x 85mm.
Weight	1.1kg (including Batteries)

#### Ordering Informations

**TR-3710** : Handheld DC Resistance Tester with 10A

#### Standard Accessories :

- User Manual
- Red&Black Test wire set 5M length
- USB cable
- AC Charger
- Instrument box