

CHT3548 Handheld DC Resistance Meter



FEATURES

- ◆ Super impact resistance, good stability
- ◆ Power compatible with lithium and dry batteries
- ◆ Anti-interference technology, effectively suppress 1/f noise
- ◆ Stable resolution to $0.1\mu\Omega$ under 1A test conditions, basic accuracy up to 0.02%
- ◆ Ultra-low power design, can work continuously for 6~7 hours under 1A test operating current
- ◆ Professional for cable industry, cable length test function and material temperature compensation function
- ◆ Professional temperature rise test for motors and transformers, increased time interval automatic resistance recording function and temperature reverse estimation function

Application

- ◆ Ordinary resistor test
- ◆ Pipe welding and metal flaw detection
- ◆ Electric vehicle ground connection inspection
- ◆ Detect cable length or wire diameter checking
- ◆ Coil resistance (large motor, transformer, inductor, etc.) measurement

Specifications

Model	CHT3548
Measurement Parameter	DC Resistance
Measurement Range	0.1 $\mu\Omega$ ~ 3.2M Ω
Test Current	DC: 1A;
Basic Accuracy	0.1% \pm 10 reading (3m Ω ,30m Ω ,3M Ω),0.05% \pm 4 reading (300k Ω), 0.02% \pm 2 reading (other ranges)
Test Speed	5 meas/sec
Temperature	Range: -10 $^{\circ}$ C~60 $^{\circ}$ C Accuracy: 1 $^{\circ}$ C
Range	3m Ω /30m Ω /300m Ω /3 Ω /30 Ω /300 Ω /3k Ω /30k Ω /300k Ω /3M Ω
Correction	Short-circuit clear zero for all ranges
Internal storage	Store up to 6000 test data
Comparator	HIGH/IN/LOW sorting s
Trigger	Internal, Auto Trigger
Other Function	OVC (Offset voltage compensation); material temperature compensation function; conductor length test function; auto trigger; auto save
Interface	USB interface
Power Supply	12V/1700mA lithium battery
Dimension and Weight	208mm(L) x 52mm(W) x 120mm(D) 1Kg

Standard accessories:

