

DC RESISTANCE TESTER

CKT3548 HANDHELD DC RESISTANCE METER

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INTERFACE:

- USB
- EXTERNAL

FEATURES:

- Small and portable, powerful
- **Conductor length measurement function**
- Temperature compensation, temperature conversion
- Thermoelectric potential compensation function

SPECIFICATION:

SPECIFICATIONS	
CKT3548 Handheld DC Resistance Meter	
Parameter	DC Resistance
Basic Accuracy	0.1%±10 reading (3mΩ,30mΩ,3MΩ),0.05%±4 reading (300kΩ), 0.02%±2 reading (other ranges)
Range	3mΩ/30mΩ/300mΩ/3Ω/30Ω/300Ω/3kΩ/30kΩ/300kΩ/3MΩ
Range	0.1uΩ~3.2MΩ
Signal Source	1A DC
Range	10 Automatic or Manual
Speed	5 times/second
Internal Data Storage	Up to 2400 sets of measuring data
Display Digits	4½ digits
Adjustment	Short-circuit Zero-Adjust for each range
Comparator	HIGH/IN/LOW sorting
Trigger	Internal/Auto trigger
Interface	USB, external
Temperature Compensation	Accuracy: ±1°C Range:-10°C~60 °C
Others	Temperature conversion function, OVC, material temperature compensation function, conductor length conversion function (See user manual for more details).
GENERAL FEATURES	
Power Supply	12V/1700mAh lithium battery, AA (LR6) Alkaline Batteries x 8pcs
Size and Weight	208 mm (L) x120mm (W) x 52mm (D), without sleeve; Weight: approx. 1KG
ORDER ING INFORMATION	
Accessories	Kelvin test clip Mini-USB Communication cable Temperature probe Lithium battery DC power adapter

BRIEF INTRODUCTION

CKT3548 DC resistance tester offers a portable solution for measuring resistance with a wide range 0.1uΩ~3.3MΩ at a high level of precision 0.02%. It has a wide application in measurement of ordinary resistors, coil resistance (large motors, transformers, and inductors), cable length and diameter detection, pipe welding and metals detection and electric cars to ground connection detection and so on. Its ultra-low-power design makes the instrument continuous work for approximately 7 hours in 0.1uΩ measurement range.

STANDARD ACCESSORIES



Kelvin test clip



Mini-USB Communication cable



Temperature probe



Lithium battery



DC power adapter