

DC Resistance Tester

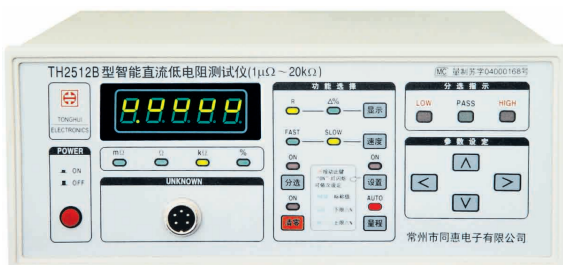
F. TH2512/TH2512A/TH2512B DC Low-ohm Meter

Features

- Basic accuracy: 0.05% (TH2512/TH2512A)
- Display range: 0.001mΩ - 1.9999MΩ
- Minimum display Resolution: 1μΩ (TH2512/TH2512B)
- 4 1/2 digits LED display, good stability
- Direct and Δ% display modes
- HIGH,LOW and PASS(with beeper alarm)sorting result indications
- Standard HANDLER interface (TH2512/TH2512A)
- Optional RS232C interface
- Optional GPIB interface



TH2512/TH2512A



TH2512B

Brief Introduction

■ TH2512/TH2512A/TH2512B is an intelligent DC ohm tester with wide measurement range and high accuracy. It can be used to measure the resistance of transformers, inductors, relay, switches, connector contact, leads, soldering point, PCB tracks and holes and metal detection ,etc. The HANDLER interface and optional GPIB interface are also available to adapt the instrument for high efficient automatic system applications.

General Specifications

Operating Temperature And Humidity	0°C - 40°C, ≤90%RH	
Power Requirements	Voltage	198V - 242V
	Frequency	47.5Hz - 52.5Hz
Power consumption	≤ 30VA	
Dimensions (W×H×D)	275mm×110mm×330mm	
Weight	Approx. 3.3kg	

Specifications

TH2512

Basic Accuracy	0.05% of reading+ 2 counts
Display Range	0.001mΩ - 1.9999MΩ
Test Current	1A,100mA,10mA,1mA,100μA,10μA,1μA
Range	20mΩ, 200mΩ, 2Ω, 20Ω, 200Ω, 2KΩ, 20KΩ, 200KΩ, 2MΩ
Resolution for different ranges	1μΩ, 10μΩ, 100μΩ, 1mΩ, 10mΩ, 100mΩ, 1Ω, 10Ω, 100Ω
Measuring speed(meas/sec)	Fast: 10, slow: 2.5
Ranging Mode	Auto and Hold
Trigger Mode	Internal, Manual and External
Interface	Handler,RS232C(Optional),GPIB(Optional)

TH2512A

Basic Accuracy	0.05% of reading+ 2 counts
Display Range	0.01mΩ - 199.99kΩ
Test Current	100mA,10mA,1mA,100μA,10μA
Range	200mΩ, 2Ω, 20Ω, 200Ω, 2KΩ, 20KΩ, 200KΩ,
Resolution for different ranges	10μΩ, 100μΩ, 1mΩ, 10mΩ, 100mΩ, 1Ω, 10Ω
Measuring speed(meas/sec)	Fast: 10, slow: 2.5
Ranging Mode	Auto and Hold
Trigger Mode	Internal, Manual and External
Interface	Handler,RS232C(Optional),GPIB(Optional)

TH2512B

Basic Accuracy	0.1% of reading+ 2 counts
Display Range	0.001mΩ - 19.999kΩ
Test Current	1A,100mA,10mA,1mA,100μA
Range	20mΩ, 200mΩ, 2Ω, 20Ω, 200Ω, 2KΩ, 20KΩ,
Resolution for different ranges	1μΩ, 10μΩ, 100μΩ, 1mΩ, 10mΩ, 100mΩ, 1Ω
Measuring speed(meas/sec)	Fast: 10, slow: 2.5
Ranging Mode	Auto and Hold
Trigger Mode	Internal, Manual and External
Interface	Handler,RS232C(Optional),GPIB(Optional)

Ordering Information

TH2512 DC Low-Ohm Meter
 TH2512A DC Low-Ohm Meter
 TH2512B DC Low-Ohm Meter

Instrument Accessories

TH26004A Kelvin low-ohm test clip leads

Options

TH26009A SMD low-ohm test tweezer
 TH26018 Low-ohm micro-clip leads
 TH26019 Low-ohm pin leads
 TH26033 GPIB interface cable
 TH26034 RS232C interface cable
 TH10101A RS232C Handler interface board
 TH10001 GPIB interface board (only TH2512/A)
 TH12014 RS232C control software (TH2512)
 TH12015 RS232C control software (TH2512A)