



CS2512 Series Programmable DC Low-Ohm Tester

Serial products: CS2512, CS2512A, CS2512B
 Dimensions: 285mm × 95mm × 340mm
 Weight(Approx.): 4.5kg

Product introduction

◆ Apply to motor transformer, inductance coil, relay contact resistance, switching connector resistance, wire resistance, component weld contact resistance, PCB line and weld hole resistance, metal damage, etc.

Product performance

- ◆ LCD display, menu-guided operation
- ◆ Simple operation with data logging
- ◆ Accuracy : up to 0.05%
- ◆ Minimum resolution: up to 1 μ Ω
- ◆ Wide test range (0.1 μ Ω ~2M Ω)
- ◆ Upp-limit and low-limit and qualification with audible alarm

Specifications

Mode	2512	2512A	2512B
Accuracy	0.05%+2 counts	0.1%+2 counts	0.1%+2 counts
Display Range	0.001mΩ - 1.9999MΩ	0.01mΩ - 199.99kΩ	0.001mΩ - 19.999kΩ
Test Current	1A, 100mA, 10mA, 1mA, 100 μ A, 10 μ A, 1 μ A	100mA, 10mA, 1mA, 100 μ A, 10 μ A	1A, 100mA, 10mA, 1mA, 100 μ A
Test Range	20mΩ, 200mΩ, 2Ω, 20Ω, 200Ω, 2kΩ, 20kΩ, 200kΩ, 2MΩ	200mΩ, 2Ω, 20Ω, 200Ω, 2kΩ, 20kΩ, 200kΩ	20mΩ, 200mΩ, 2Ω, 20Ω, 200Ω, 2kΩ, 20kΩ
Resolution	1 μ Ω, 10 μ Ω, 100 μ Ω, 1mΩ, 10mΩ, 100mΩ, 1Ω, 10Ω, 100Ω	10 μ Ω, 100 μ Ω, 1mΩ, 10mΩ, 100mΩ, 1Ω, 10Ω	1 μ Ω, 10 μ Ω, 100 μ Ω, 1mΩ, 10mΩ, 100mΩ, 1Ω
Measuring Speed	FAST: 10 slow: 2.5	FAST: 10 slow: 2.5	FAST: 10 slow: 2.5
Range Mode	Auto Hold	Auto Hold	Auto Hold
Tigger Mode	Internal Manual External	Internal Manual External	Internal Manual External
Interface	RS232(optional) PLC(optional)	RS232(optional) PLC(optional)	RS232(optional) PLC(optional)



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Product introduction

◆ The instrument with broad measurement range and four-digit LED digital display ensures the clear and stable reading value, and the measurement units (m Ω, Ω, k Ω) directly are displayed directly following the numeric value. The instrument has the five ranges with single key shift, and measurement range has memory function which can be used repeatedly without reset at each boot-strap.

Specifications

Range	Measuring Range	Resolution	Current	Basic Error
200mΩ	0~199.9mΩ	0.1mΩ	≈ 100mA	± 0.2%R _x +2 counts
2Ω	0~1.999Ω	0.001Ω	≈ 10mA	± 0.2%R _x +2 counts
20Ω	0~19.99Ω	0.01Ω	≈ 1mA	± 0.2%R _x +2 counts
200Ω	0~199.9Ω	0.1Ω	≈ 0.1mA	± 0.2%R _x +2 counts
2kΩ	0~1.999kΩ	0.001kΩ	≈ 0.1mA	± 0.2%R _x +2 counts