



Features

- Resistance measurement speed is fast and high precision
- 24-bit color 4.3-inch color LCD display
- The contact test function can automatically determine whether a resistor is connected to the test fixture and automatically judge the stable and correct test result.
- Basic temperature accuracy: 0.5 °C
- Resistance minimum resolution: 0.1uΩ
- Temperature compensation function (TC)
- Maximum test speed 30 times / sec
- Low resistance pulse measurement function to eliminate thermoelectric potential
- HANDLER、RS232C for remote control
- U disk records test data, test results are stored in U disk
- Record the number of qualified/non-conforming products in real time

Brief Introduction

CRCH2516 series high-precision, high-performance, high-speed, temperature-compensated precision DC resistance tester with 4.3-inch color LCD screen for simple display and elegant layout. High speed, stability and 0.01% maximum resistance measurement accuracy and 0.1uΩ minimum resistance resolution can meet the requirements of production line quality control, incoming inspection and laboratory measurement.

The instrument provides 9 measurement positions; internal comparator allows users Self-setting Hi/Lo reference comparison value; the design of clear-free is more convenient to use in small resistance test; temperature compensation can eliminate the influence of ambient temperature on test work; various interfaces equipped with instrument are applied to automatic sorting system Fully automated assembly line test; the product is exquisite in appearance, easy to operate, and extremely cost-effective.

Specifications

Model	CRCH2516A	CRCH2516B
Display method	4.3 inch TFT color screen	
Measuring speed	Fast: 15 times / sec Slow: 8 times / sec	
Test side configuration	Four-terminal measurement	
Trigger mode	Internal/external/manual/contact	
Clear mode	Self-stabilizing, free of zero (can be cleared when needed)	
Measuring range	1uΩ - 200KΩ	10uΩ - 20KΩ
Maximum reading	20000	
Test accuracy	≤20mΩ 0.2% 20mΩ - 200KΩ 0.05% 200KΩ - 2MΩ 0.2%	
Range	9 range automatic and manual	
Show result	Direct reading, δ%, sorting result	
Clear	Full-scale short-circuit clear	
Comparators	3 files sorting (1 file exceeds the upper limit, 1 file exceeds the lower limit, 1 file is qualified)	
Temperature measurement	- 55°C ~ +125°C	No
Temperature compensation	20°C/25°C switchable	No
Signal output	Super upper limit qualified lower limit	
Signal	Qualified unqualified close	
Setting method	Absolute value upper/lower limit; percentage upper/lower limit + nominal value	
Delay	0-999ms can be set	
Trigger level	Rising edge / falling edge optional	
Standard interface	USB HOST、RS232C、HANDLER	
U disk data storage	Available	
Size	216 mm (width) * 90 mm (height) * 330 mm (length)	
Weight	About 3.6 kg	
Power requirement	198VAC ~ 242VAC 47Hz ~ 63Hz	