

# Precision Resistance Meter AT512

Accuracy:0.01%  
Range:0.1 $\mu\Omega$ ~100M $\Omega$   
Speed:150 times/second(fast)

安柏仪器

AT512 is one kind of high precision and wide measuring range resistance meter. High integration & scientific structure design make the case of AT512 not only light and handy, but also strong and quake-proof which make AT512 suitable for laboratory, measuring room and site operation. AT512 has worldwide test performance. Resistance from 0.1 to 110M can be measured With the Speed 2/10/150 times/second and the accuracy of 0.01%.



Rev 2

## SPECIFICATIONS

AT512 Precision Resistance Meter	
<b>Parameter</b>	DC resistance
<b>Accuracy</b>	0.01%
<b>Measurement Range</b>	0.1 $\mu\Omega$ ~ 110M $\Omega$
<b>Signal Source</b>	Current range: 1 $\mu$ A~1A
<b>Range</b>	Automatic and manual with 11 ranges
<b>Speed</b>	150 times/second, 10 times/second, 2 times/second
<b>Result Display</b>	Show, $\Delta$ ABS、 $\Delta$ % and sorting result
<b>Display Max</b>	104000
<b>Adjustment</b>	Open & short reset
<b>Comparator</b>	30 groups record, NG-LO, GD-IN, NG-HI display and output, adjustable beep and volume
<b>Trigger</b>	Internal, manual, external and remote
<b>Interface</b>	RS232C, Handler interface (PLC interface)
<b>Test terminal</b>	4 terminal shielding(2 check terminal and 2 driving terminal) and external shielding ground section
<b>Others</b>	Four-color vacuum fluorescent screen VFD display Keypad lock and data hold function Optional temperature compensation interface (2010 updated version)

## GENERAL FEATURES

<b>Power Supply</b>	Voltage: 198V AC - 240V AC Frequency: 50Hz Power: Max 15VA
<b>Size</b>	External size: 264mm (Width)x107mm (Height)x350mm (Depth) Inside size: 216mm (Width)x88mm (Height)x323mm (Depth) 4kg

## ORDERING INFORMATION

<b>Accessories</b>	ATL501: Kelvin clip ATL801: 232 communication cable
<b>Optional</b>	L620: meter resistance 4-terminal test clip