

# Precision Resistance Meter

## AT512

### Characters

- Character: DC resistance
- Measurement range: 0.1μΩ ~ 110MΩ
- Accuracy : 0.02%
- 4 color VFD display



AT512

The resistance measurement range of AT512 from 0.1μΩ ~ 110MΩ, max display 105000 digit.

Max test speed is 167 times/sec with 0.02% accuracy.

suitable for measuring various high, medium and low value resistors, various switch contact resistance, connector contact resistance, relay wire coil and contact resistance, transformer, inductor, motor, deflection coil winding resistance, solder joint contact resistance Wire wrapping resistance, metal riveting resistance of cars, ships, and airplanes. printed pattern lines and hole resistance, metal defect detection, etc.

### SPECIFICATIONS

AT512 Precision Resistance Meter	
Parameter	DC resistance
Accuracy	0.02%
Measurement Range	0.1μΩ ~ 110MΩ
Signal source	Current: 1μA~1A
Range	11 range, auto & manual
Speed	167 times/sec 30 times/sec 10 times/sec 2 times /sec
Result display	show ΔABS Δ% & sorting result
Max display	105000
Adjustment	open / short reset
Comparator	30 groups record, display & output NG-LO, OK-IN, NG-HI beep volume adjustment
Trigger	Internal Manual External Remote
Interface	RS232C Handler (PLC)
Test terminal	4 terminal shielding (2 check & driving terminals) external shielding ground section
Temperature compensation	Accuracy: 0.2 °C Range: 0 ~ 80° C
others	4 color VFD display Keypad lock and data hold function
Power supply	Voltage: 198VAC ~ 240VAC Frequency: 50Hz Max power: 15VA
sizes	264 x107 x350 mm
weight	4kg
Accessories	ATL501: 4-terminal Kelvin clip ATL108: RS232 communication cable
Optiona	ATL620 meter resistance 4 -terminal clamp fixture