AT 512 PRECISION RESISTANCE METER

VFD DISPLAY
264 (W) * 107 (H) * 350 (D)
UNIT: mm
Weight: 4kg

MEASURING RANGE
0.1μΩ~110MΩ

- With 30 sets of stored data
- Standard temperature compensation function

AT512 is a high-precision, wide-range, high-performance microprocessor controlled resistance meter . It can measure 0.1 μA resistance of Ω to 110M Ω, with a maximum display of 105000. The maximum testing speed can reach 167 times/second, and the basic accuracy can reach 0.02%. Its wide range testing can adapt to different requirements of testing.

The instrument has a professional sorting function, with 30 sets of stored data, various sorting sound settings, and can also be equipped with a Handler interface, which is applied to automatic sorting systems to complete fully automatic pipeline testing. It can be equipped with RS232C interface for remote control and, acquisition and analysis. It has temperature compensation interface, users can perform temperature compensation on the tested part.



Power Supply 198V-252VAC 47.5-52.5Hz Power: max 15VA

AT512 can measure various high-precision high, medium and low value resistors; Contact resistance of various switches; connector contact resistance; relay wire package and contact resistance; transformer, inductor, motor, deflection coil winding resistance; wire resistance; metal riveting resistors for cars, ships, and airplanes; printed board lines and hole resistance, etc.

MODEL	AT512
Parameter	DC resistance
Accuracy	0.02%
Measurement Range	0.1μΩ ~ 110MΩ
Signal source	Current: 1μA~1A
Range	11 ranges, auto & manual
Speed	167 t/s, 30 t/s,10 t/s , 2 t/s
Result display	Direct reading / ΔABS / Δ% and sorting result
Max display	105000
Calibration	Open circuit short circuit reset
Trigger	Internal、Manual、External、Remote
Temperature Compensation	Accuracy: 0.2 ° C Range: 0 ~ 80° C
Test terminal	4 terminal shielding（2 check & 2 driving terminals）external shielding ground section
Comparator	30 groups record, display & output NG-LO, OK-IN, NG-HI beep volume adjustment
Interface	RS232C、Handler（PLC）
Others	4 color VFD display ； Keypad lock and data hold function
Accessories	ATL501A Kelvin clip ; ATL108 RS232 communication cable;ATN3 Temperature module
Optional attachment	ATL620 meter resistance 4 -terminal clamp fixture