AT2511 ECONOMICAL TYPE RESISTANCE METER

LED DISPLAY
220 (W) * 85 (H) * 259 (D)
UNIT: mm
Weight: 2kg

Measuring range
10μΩ~200.0kΩ

- Enhanced impact protection
- Fully automatic testing and provision of manual range function

Compared to the previous generation product AT511A, AT2511 has a wider testing range: 0.01mΩ~200.0 k Ω, with a maximum display of 5000. Simultaneously improving the testing speed: up to 10 seconds and stable readings. The improved fully automatic range testing circuit and fully electronic switch design can instantly switch from the highest range to the lowest range.

AT2511 uses superior low current testing characteristics, especially suitable for resistors sensitive to testing current, such as platinum thermistors, copper thermistors, PTC ceramic thermistors, alloy wire type DC resistors, and DC resistors for current protection devices.

AT2511 is also suitable for measuring various contact resistances; Transformer, inductor, motor, deflection coil winding resistance; Metal riveting resistors for wire resistance vehicles, ships, and aircraft; Printed board lines and hole resistance, etc.



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

MODEL	AT2511
Parameter	DC resistance
Accuracy	0.2%
Measurement range	10μΩ ~ 200kΩ
Signal source	Max current: <100mA
Range	8 ranges, auto , manual
Speed	Slow: 3 t/s Fast: 10 t/s
Display result	Show
Max display	5000
Calibration	short circuit zero correction for all range
Comparator	OFF, PASS , HI, LOW
Beep	OK、NG、OFF
Test lead	4 terminal shielding（2 check t &2 driving terminal）external shielding ground section
Applications	Small diameter coil (such as earphone coil)Sensors, protection devices, ordinary transformers,inductors, motors, deflection coil winding resistance Various contact resistance; solder joint contact resistance; metal flaw detection, etc.
Accessories	ATL503 Kelvin test clip