AT 517 DC RESISTANCE TESTER

Poor contact detection

CHINESE/ENGLISH OPERATION
264 (W) * 107 (H) * 350 (D)
UNIT: mm
Weight: 5kg

MEASUREMENT RANGE

0.001mΩ~2.2000MΩ

- **6-speed sorting function**
- **3.5 inch true color LCD display screen**

The AT517 series resistance meter is a micro desktop instrument that uses high-performance ARM microprocessors to control fully automatic real-time detection. The instrument has an accuracy of 0.05% and a measurement range of 1μΩ~2MΩ. With 200 ,000 readings, the measurement speed can reach 60 t/s.

The instrument has a built-in temperature compensation interface to compensate for errors caused by room temperature. The instrument is equipped with a built-in 10 level comparator output, which can set up to 6 qualified levels, and all level comparator results can be output through the Handler interface. The instrument is equipped with an RS232 interface as standard, and uses SCPI (Standard Command for Programmable Instream) and Modbus RTU protocol to communicate with computers, PLCs, or WINCE devices, efficiently completing remote control and data collection functions.



Power Supply 220VAC 50/60Hz Power: max 20VA

The instrument comes standard with a USB interface, which can simplify the communication between the computer and the instrument. The instrument comes standard with RS-485 interface and supports Modbus RTU protocol, making it very convenient to communicate with PLC.

MODEL	AT517
Parameter	DC resistance
Accuracy	0.05%
Measurement range	0.001mΩ~2.2000MΩ
Signal source	Max current：<1A
Range	9 ranges. auto, manual & nominal
Speed	Slow:3 t/s ， Medium: 12 t/s ， Fast:60 t/s
Display result	Direct reading、ΔABS、Δ% & sorting result
Max display	200,000
Calibration	Short circuit zero correction for all range
Comparator	GD、NG
Trigger	Internal,、External
Test lead	4 terminal shielding(2 check & 2 driving terminal）external shielding ground section
Temperature compensation	Accuracy：0.2 ° C ; Range：0 ~ 80° C
Interface	Handler Port ;RS232 ; USB ; RS485 ; temperature compensation interface
Others	Color TFT-LCD display ; data hold function ;Test line anomaly detection function; Resistivity (P)
Accessories	ATL527 Kelvin test leads； Power line ; ATL18B20 Temperature probe
Optional Attachment	ATL620 Meter -resistance Fixture