AT516/516L
DC RESISTANCE TESTER

CHINESE/ENGLISH OPERATION
264 (W) * 107 (H) * 350 (D)
UNIT: mm
Weight: 4kg

MEASURING RANGE
1μΩ~20MΩ
7ms sampling rate

- 14 speed comparator
- Standard temperature compensation interface
- Standard SCPI and Modbus protocols



Power Supply 200-252VAC 50Hz/60Hz
Power: maximum 20VA

The AT516 DC 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 Measurement range of 1μΩ~20MΩ. The resistance value of each channel is displayed in 5 digits, with a reading of 30000 and a maximum sampling speed of 7ms. The instrument has a built-in temperature compensation interface to compensate for errors caused by temperature.

The instrument has a built-in 14 level comparator output, which can set 10 qualified levels, and all comparator results can be output through the Handler interface.

MODEL	AT516	AT516L
Parameter	DC resistance	
Measurement range	1μΩ~20MΩ	1μΩ~30KΩ
Accuracy	0.05%	0.1%
Signal source	Max current: <1A	
Range	10 ranges.Auto, Manual	7 ranges. Auto, Manual
Display	Show、ΔABS、Δ% and sorting results	
Max display	Slow/medium: 30000 Fast/high-speed: 3000	
Speed	140 t/s, 67 t/s, 35 t/s, 12t/s, 2t/s	12t/s, 2t/s
Calibration	Short circuit zero correction for all range	
Comparator	Build-in 14 -bin comparators display & output BIN1~BIN10, HIGH, IN, L OW beep	1 group comparator and beep
Trigger	Level, internal, manual , external and remote	internal, manual, remote
Interface	RS232C 、 USB、Handler (PLC)	RS232C、 USB
Test Lead	4-terminal shielding (2 check &2 driving), and external shielding ground section	
Temperature compensation	Accuracy: 0.2 ° C Range: 0 ~ 80° C	
Others	Color TFT-LCD display data hold function, Chinese/English display	
Accessories	ATL501A Kelvin clip; ATL108 232 communication cable; ATL18B20 Temperature probe	
Optional Attachment	ATL620 Meter resistance 4-terminal Clamp fixture	