AT 518/518L HANDHELD RESISTANCE METER

MEASURING RANGE
10μΩ~20MΩ

Standard temperature compensation interface

- High speed and precision testing
- 3.5 inch true color LCD display screen



The AT518 handheld DC low resistance tester is a high-precision and wide-range instrument. The instrument can test a resistance of 10μΩ~20MΩ, with a maximum display of 20000.It has standard temperature compensation function, with a testing speed of 15 times/second, can still ensure an accuracy of 0.05%, and the reading jump is controlled below 3 words. Its unique current testing mode can adapt to different requirements of testing. The instrument has sorting function and sorting sound setting, which can be applied to pipeline testing. It can be equipped with a Mini-USB communication interface for remote control, data collection and analysis. The instrument comes standard with a USB disk interface and supports timed data collection function for computer Excel analysis.

AT518 can measure various high, medium, and low value resistors; Contact resistance of various switches; Connector insertion resistance; Relay wire package and contact resistance; Transformer, inductor, motor, deflection coil winding resistance; wire resistance; metal riveting resistors for cars, ships, and airplanes, as well as printed circuit board lines and hole resistance.

Power Supplyt:Input: 100-240V, 50/60Hz, 0.35A, Output:9V 2A DC

CHINESE/ENGLISH OPERATION

130 (W) * 210 (H) * 38 (D)
UNIT: mm

Weight: 650g

MODEL	AT518	AT518L
Parameter	DC resistance	
Accuracy	0.05%	0.1%
Measurement range	10μΩ ~ 20MΩ	10μΩ ~ 200KΩ
Signal source	Max current：<1A，current mode：high、low current	
Range	Auto、manual, nominal with 10 ranges	8 ranges auto; Manual and nominal testing
Speed	Slow 3 t/s ； Medium 15 t/s； Fast 30 t/s	Slow 3 t/s ；
Result display	Compare way: （ABS） （PER） （SEQ）	
Max display	20000 dgt	
Calibration	Short circuit zero correction for all range	
Temperature Compensation	Accuracy：0.2°C Temperature：0 ~ 80°C	\
Trigger	Internal; Manual; **Remote**	Internal; Manual;
Comparator	build in sorting record， OK/NG sorting result display	
Interface	Build -in Mini-USB (VCP) ; Charging interface	
Test lead	4 terminal shielding (2 check and 2 driving termi-nal）； External shielding ground section	
Battery parameter	8.4V， 2200mAh Li Battery	
Charging time	Max :300 min	
Working time	≥8H	
Accessories	ATL501B 4-terminal test probe ； ATL909 DC adaptor； ATL202 bag； ATL804 Li battery； ATL105Mini-USB communication cable ；	