

anbai

Handheld Resistance Meter

AT518

Characters

- Parameter: DC resistance
- Measurement range: 10 $\mu\Omega$ ~ 20M Ω
- Accuracy : 0.05%
- 3.5 inch LCD display
- Portable design for long battery life
- Temperature compensation interface



AT518

AT518 handheld DC low Resistance meter is a high precision with wide-range, adopt high performance 32-bit ARM micro processor control, can make measurement on real time automatically. can make precision measurement to power supply devices at any place.

Resistance test range 10 $\mu\Omega$ ~20M Ω , Max display 20000 dgt with temperature compensation function. can guarantee 0.05% accuracy even under the test speed of 15 times/sec, And the reading jitter is controlled below 3 words.

The particular current mode can meet different test requirements. equipped with Mini-USB communication interface for remote control and data collection, analysis, U disk interface can recorder the values change of measured products.

AT518 can test all kinds of high, medium, low value resistors, all kinds of switch contact resistances, connector plug resistance; relay coil package and contact resistance; transformer, inductor, motor, deflection coil winding resistance; conductor resistance; metal riveting resistors for cars, boats and airplanes, printed circuit board lines and hole resistance etc.

SPECIFICATIONS

AT518 Handheld DC low Resistance Meter	
Parameter	DC resistance
Accuracy	0.05%
Measurement range	10 $\mu\Omega$ ~ 20M Ω
Signal source	Max current: <1A current mode: high、low current
Range	auto、 manual, nominal with 10 ranges
Speed	30 times/sec, 15 times/sec, 3 times/sec
Result display	compare way: ABS PER SEQ
Max display	20000 dgt
Adjustment	Short-circuit zero-adjust for each range
Comparator	build in sorting record, OK/NG sorting result display
Trigger	Internal Manual Remote
Test lead	4 terminal shielding (2 check and 2 driving terminal) External shielding ground section
Temperature compensation	Accuracy: 0.2 $^{\circ}$ C Temperature: 0 ~ 80 $^{\circ}$ C
Interface	Build -in Mini-USB (VCP)
Others	3.5 inch color 16M TFT-LCD display keypad lock、 data hold function; Compatible SCPI order set; Switch in Chinese/English; Adjustable background display; Auto power-off; U disk recording function .
Power supply	input: 100-240V~50/60Hz 0.35A output: 9V 1A DC
Battery parameters	8.4V, Li, 2200mAh rechargeable battery
Charging time	Max charging time: 300Min
working time	\geq 8 hours
Sizes	130.23 x210.76 x37.88 mm
Weight	650g
Accessories	ATL501B four-terminal kelvin test clip ATL909 DC power adaptor ATL202 carrying bag ATL804 Li- battery ATL105Mini-USB communication cable AT518 data collection software