

Handheld Resistance Meter

AT518L

Characters

- Parameter: DC resistance
- Measurement range: $10\mu\Omega \sim 200K\Omega$
- Accuracy : 0.1%
- 3.5 inch LCD display
- Portable design for long battery life
- Temperature compensation interface



AT518L

AT518L handheld DC low Resistance meter is a high precision with wide-range, adopt high preformance 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 $10\mu\Omega \sim 200k\Omega$, Max display 20000 dgt with temperature compensation function. can guarantee 0.1% 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.

AT518L 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

AT518L Handheld DC Low Resistance Meter

Parameters	DC resistance
Accuracy	0.1%
Range	$10\mu\Omega \sim 200K\Omega$
Signal source	Max current: $<1A$ current mode: high
Range	7 range auto、manual & nominal
Speed	3 times/sec
Display result	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
Test lead	4 terminal shielding (2 check and 2 driving terminal) external shielding ground section
Temperature compensation	/
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
B a t t e r y parameters	8.4V, Li, 2200mAh rechargeable battery
c h a r g i n g time	Max charging time: 300Min
Working time	≥ 8 hours
Sizes	130.23 * 210.76 * 37.88 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