



AT518 handheld DC milliohm meter adopts high-performance 32-bit ARM processor. It's a meter with high accuracy and wide measurement range. A long time, accurate and convenient measurements of passive components can be achieved on all occasions, with wide Measurement Range from $10\mu\Omega$ to $20M\Omega$ and maximum reading 20000. It can guarantee 0.05% accuracy even under the condition that the testing speed is under 15/s. its unique current testing mode can meet different testing requirements. AT518 is also equipped with Mini-USB interface to apply to remote control, data acquisition and analysis. AT518 series apply to various kinds of resistors, switches contact resistance, connector contact resistance, relay coils and contact resistance, transformers, inductors, motors, deflecting coiling resistance, welding contact conductor resistance, the metal riveting resistance of vehicles, boats, airplanes, printed circuit lines and crack detection and so on.

SPECIFICATIONS

	AT518 Handheld DC Low Resistance Meter	AT518L Handheld DC Low Resistance Meter
Accuracy	0.05%	0.1%
Measurement Range	$10\mu\Omega \sim 20M\Omega$	$10\mu\Omega \sim 200K\Omega$
Signal Source	I-Max: <1A Current Mode: high current, low current	I-Max: <1A Current Mode: High Current
Range	Auto, manual, nominal with 10 ranges	Auto, manual, nominal with 7 ranges
Speed	30 t/s , 15t/s , 3t/s	3 t/s
Result Display	ABS, PER, SEQ compare way	
Max-Reading	20000 dgt	
Adjustment	Short-circuit Zero-Adjust for each range	
Comparator	Build-in sorting record, GD/NG sorting result display	
Trigger	Internal, Manual, Remote	Manual and Internal
Test Lead	4 terminal shielding(2 check terminal and 2 driving terminal) and external shielding ground section	
Temperature Compensation	Accuracy: 0.2 °C Measurement Range: 0 ~ 80°C	None
Interface	Build-in Mini-USB Interface (VCP)	
Others	3.5 inches true-color 16M TFT-LCD display; Keypad lock; Data hold function; Compatible SCPI Order Set; Switch in both Chinese and English; Adjustable Background light; Auto power-off	

GENERAL FEATURES

Power Supply (ATL909)	Input: 100-240V~50/60Hz 0.35A Output: 9V 1A DC
Battery Parameters	8.4V , Li , 2200mAh rechargeable battery
Working Time	≥8 hours
Size	Outside (mm) : 130.23 (Width)x210.76(Height)x37.88 (Depth) 650g

ORDERING INFORMATION

Accessories	ATL501B: four-terminal Kelvin Test clip ATL909: DC power adaptor ATL202: Carrying Case ATL804: Li- battery • ATL105: Mini-USB communicable cable • AT518 data acquisition software (* means available accessories for AT518L)
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