



AT510 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.

[Rev.2](#)

SPECIFICATIONS

	AT510 ^{PRO}	AT510	AT510 ^L
Parameter	DC Resistance		
Accuracy	0.05%		0.1%
Measurement Range	1 $\mu\Omega$ ~ 20M Ω	1 $\mu\Omega$ ~ 3M Ω	1 $\mu\Omega$ ~ 30k Ω
Measurement current	I-max:<1A Measuring Mode: High Current, Low Current and Pulse Current		I-max:<1A Measure Mode: High Current
Range	10 Automatic or Manual	9 Automatic or Manual	10 Automatic or Manual
Speed	60 times/second , 15 times/second , 2 times/second		15 times/second , 10 times/second , 2 times/second
Display	Show/ Δ ABS/ Δ %/Sorting Results		
Display Max	30,000		
Adjustment	Short-circuit Zero-Adjust for each range. REL function		
Comparator	30 sets of measurement conditions, HI/IN/LOW/GD/NG display and output, adjustable beep and volume		1 group
Trigger	Internal ,Manual ,External or Remote Trigger		Internal ,Manual
Interface	RS-232C, Handler (PLC interface)		RS-232C interface
Test Lead	4 terminal shielding(2 check terminal and 2 driving terminal) and external shielding ground section		
Temperature compensation	Accuracy: 0.2 °C Range: 0 ~ 80 °C		None
Others	Four-color vacuum fluorescent screen VFD display Keypad locks function. Data Hold function.		

GENERAL FEATURES

Power supply	Voltage: 198VAC~240VAC Frequency: 50Hz Max Power: 15VA
Size	Outside (mm) : 264 (width)x107(height)x350 (depth) Inside (mm) : 216(width)x88(height)x323(depth) 4kg

ORDER ING INFORMATION

Accessory	ATL501 Kelvin test clip ATL108: RS232 communication cable
Options	ATL620 Meter Resistance four-terminal fixture