

DC Resistance Meter

AT516 / AT516L

Brand-new design, LCD display
Temperature compensation function
Four-terminal measurement
High resolution

 **Applent Instruments**



NEW

AT516/AT516L is brand-new design DC resistance meter with high precision and high stability, which adopts high-performance 32dgt ARM micro processor control. 3.5 inches true-color LCD display screen with Chinese and English menu, and it is easy to operate. AT516/AT516L can be applied 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

	AT516 DC Resistance Meter	AT516L DC Resistance Meter
Parameters	DC resistance	
Accuracy	0.05%	0.1%
Measurement Range	1 $\mu\Omega$ ~ 20M Ω	1 $\mu\Omega$ ~ 30k Ω
Measurement current	I-max:<1A	I-max:<1A Measure Mode: High Current
Range	Automatic and Manual with 10 ranges	7 Automatic or Manual
Speed	80 times/second , 15 times/second , 3 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.	
Comparator	13 build-in comparators, HI/IN/LOW/GD/NG display and output, adjustable beep and volume	1 group
Trigger	Internal, Manual, External and 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 $^{\circ}$ C Range: 0 ~ 80 $^{\circ}$ C	
Others	True-color TFT-LCD display Keypad locks function; Data Hold function; Chinese and English menu	

GENERAL FEATURES

Power supply	Voltage: 198VAC~240VAC Frequency: 50/60Hz 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	ATL501A Kelvin clip ATL108: 232 communication cable
Options	ATL620 Meter Resistance Four-terminal Clamp Fixture