

AT520 is a kind of high-precision and high-stability battery tester. AT520 battery meter can be used to test contact resistance, battery internal resistance and voltage of battery simultaneously. AT520 applies to the product sorting and factory inspection of the battery produce line, Compatible with HIOKI 3560 and Agilent 4338B. All kinds of contact resistance, Li-battery, alkaline cell and lead accumulator degradation determination and estimate of lifetime, UPS test and lead accumulator factory inspection can be tested by AT520 series.



Meet GB5095,GJB1217 and IEC512-2 standard

SPECIFICATIONS

	AT520	AT520 ^{SE}	AT520 ^L
Parameters	AC resistance, DC voltage, X, Z, θ , L,	AC resistance, DC voltage, θ	
Accuracy	Resistance: 0.3% Voltage: 0.05% Inductance: 1%	Resistance:0.5% Voltage: 0.1%	
Range	Resistance: 1 $\mu\Omega$ - 3.2k Ω Voltage: 100 μ V - 60V DC Inductance: 10nH - 1H	Resistance:10 $\mu\Omega$ -3.2 Ω Voltage: 1mV - 60V DC	Resistance: 10 $\mu\Omega$ - 32 Ω Voltage: 1mV - 60V DC
Signal Source	AC 1kHz, open-circuit voltage < 20mV, measurement current: < 10mA		
Range	Automatic and manual with 6 ranges (AT520 AT520 ^{SE})		Automatic&manual,4ranges
Speed	20 t/s, 6 t/s, 1 t/s	15 t/s,6 t/s, 1 t/s	10 t/s,3 t/s, 1 t/s
Result Display	Show, Δ ABS, $\Delta\%$, θ , sorting results	Show value, voltage and resistance display simultaneously	
Display Max	Resistance: 32,000, Voltage: 60,000	Resistance: 3,200 (3 ^{2/3}) , Voltage: 6,000	
Adjustment	Short-circuit correction for all range, REL function		
Comparator	30 groups record, NG-LO, GD-IN, NG-HI display and output. beep is adjustable (AT520 AT520 ^{SE})	1 group record, NG-LO, GD-IN,NG-HI display and output. Beep is adjustable	
Trigger	Internal, manual, and external	Internal, manual, external (optional)	
Interface	RS232C Handler interface (PLC)	RS232C interface	
Others	Detection of damage test wire, four-color vacuum fluorescent screen VFD display, keypad lock and data hold function		

GENERAL FEATURES

Power Supply	Voltage: 198V AC - 240V AC Frequency: 50Hz Power: Max 15VA
Size	264mm (Width)x107mm (Height)x350mm (Depth) 4kg

ORDERING INFORMATION

Accessories	ATL505 Kelvin clip ATL108: RS232 communication cable
Options	ATL506A: test probe ATL506 test bar