

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 43388. All kinds of contact resistance, Li-battery, alkaline cell and lead accumulator determination of degradation and estimate of lifetime, UPS test on line and lead accumulator factory inspection can be tested by AT520 series.



Meet GB5095,GJB1217 and IEC512-2 standard

Rev 3 (2011)

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,4 ranges
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, Δ %, 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 reset 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 test wire ATL108 RS232 interface cable		
Options	ATL506A: test probe ATL506: test leads		