



2011 NEW!

AT528 series handheld battery meter adopt high-performance 32dgt ARM micro processor, can be used to test voltage and internal resistance of battery, compatible with HIOKI 3554. Test the resistance 0.01mΩ – 2.2kΩ, 1 mV - 50V DC voltage with the resistance max reading of 3200dgt and voltage 5000dgt. Accuracy of 0.5% even the speed is under 10 times per second. The indication beat is controlled under 5 digits. AT528 can test open-circuit voltage accurately, adding automatic sorting function and beep set, is applied to automatic sorting system to complete production line test. Equipped with USB interface, can be used for remote control, data acquisition and analysis. It is suitable for flow line inspect of storage batteries.

SPECIFICATIONS		
	AT528 Handheld Battery Meter	AT528L Handheld Battery Meter
Parameters	AC resistance, DC voltage	
Accuracy	R: 0.5%±5dgt V: 0.5%±5dgt	R: 0.5%±5dgt V: 0.5%±5dgt
Measurement Range	R: 0.01mΩ – 2.2kΩ V: 0.0001 V - 50V	R: 0.1mΩ - 200Ω V: 0.001 V - 50V
Signal Source	AC: 1kHz Open-circuit Voltage: < 30mv Current: < 15mA	
Range	Automatic, Manual, Nominal. 6 ranges	Automatic, Manual, Nominal, 4 ranges
Speed	20 times/second, 10 times/second, 3 times/second	2 times/second
Result Display	ABS/PER/SEQ	
Display Max	Resistance: 3200 Voltage: 5000	
Max Resolution	Resistance: 0.01mΩ Voltage: 1mV	Resistance: 0.1mΩ Voltage: 1mV
Adjustment	Short-circuit reset for each range	
Comparator	Voltage compare separately, resistance compare separately, voltage and resistance combination compare GD/NG sorting result display, beep	
Trigger	Internal, Manual, Remote	
Test Terminal	4 terminal shielding (2 check terminal and 2 driving terminal) and external shielding ground section	
Interface	Build-in Mini-USB (virtual serial port); Charging Interface; U disc Interface	
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; 500 groups measured data saved with one key	
GENERAL FEATURES		
Power Supply (ATL909)	Input: 100-240V~50/60Hz 0.35A Output: 9V 1A DC	
Battery Parameters	8.4v, Li, 2200mAh rechargeable battery	
Charging Time	Single continued charging time: max 300 Mins	
Working Time	≥ 8 hours	
Size	130.23mm (Width)*210.76mm (Height)*37.88mm (Depth) 650g	
ORDERING INFORMATION		
Accessories	ATL501B 4-terminal Kelvin test clip; ATL909: DC adaptor; ATL202 portable bag; ATL804 Li-battery; *ATS528 data acquisition software *ATL506B 4-terminal test probe *ATL105Mini-USB communication cable Note: mark * means optional accessories for ATS528L	