



AT525 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 0.001mΩ – 3.3kΩ, 0.0001V - 60V DC voltage with the resistance max reading of 3300dgt and voltage 60,000dgt. The indication beat is controlled under 5 digits. AT525 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			
	AT525 Storage Battery Internal Online Tester	AT528 Handheld Battery Meter	AT528L Handheld Battery Meter
Parameters	AC resistance, DC voltage		
Accuracy	R: 0.5%±5dgt V: 0.05%±5dgt		R: 0.5%±5dgt V: 0.5%±5dgt
Measurement Range	R: 0.001mΩ~3.3Ω v: 0.0001V ~ 60V	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, 4 ranges	Automatic, Manual, Nominal. 6 ranges	Automatic, Manual, Nominal, 4 ranges
Speed	1 time/second	20 times/second, 10 times/second, 3 times/second	2 times/second
Result Display	ABS/PER/SEQ		
Display Max	Resistance: 3300 Voltage: 60,000	Resistance: 2200	Voltage: 50000
Max Resolution	Resistance: 0.01mΩ Voltage: 1mV		Resistance: 0.1mΩ Voltage: 1mV
Adjustment	Short-circuit correction 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	Input: 100-240V~50/60Hz 0.35A Output: 9V 1A DC		
Battery Parameters	8.4v, Li, 2200mAh rechargeable battery		
Working Time	≥ 8 hours		
Size	130.23mm (Width)*210.76mm (Height)*37.88mm (Depth)		
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		