

AT 528/528L

HANDHELD BATTERY TESTER

500 sets of measurement data saved with one click

AC resistance/DC voltage
Simultaneous measurement of
internal resistance voltage

- Built in comparator
- Newly designed LCD display
- One click saving of measurement parameters

The AT528/528L is a micro handheld instrument that can simultaneously detect resistance and voltage, and is controlled by a high-performance 32-bit ARM microprocessor for fully automatic real-time detection. The instrument can test a resistance of $0.01\text{m}\Omega\sim 2.2\text{k}\Omega$, with a DC voltage of $0.0001\text{V}\sim 60\text{V}$. The maximum display digit for resistance is 2200, and the maximum display digit for voltage is 60000. The testing speed can still guarantee an accuracy of 0.5% at 10 t/s, and the reading jump is controlled below 5 words.

The instrument has professional sorting function, sorting sound setting, and is applied to the automatic



CHINESE/ENGLISH
OPERATION

130 (W) * 210 (H) * 38 (D)
UNIT: mm

Weight: 650g

Power Supply: Input: 100-240V, 50/60Hz, 0.35A, Output: 9V 2A DC

sorting system to complete fully automatic assembly line testing. And equipped with USB-RS232 interface for remote control and data acquisition and analysis.

MODEL	AT528	AT528L
Parameter	AC resistance, DC voltage	
Accuracy	R: 0.5%±5dgt ; V: 0.1%±5dgt	R: 0.5%±5dgt ; V: 0.5%±5dgt
Measurement Range	V: 0.0001V~60.00V ; R: 0.01mΩ~2.2kΩ	V: 0.001V~60.00V ; R: 0.01mΩ~200.0Ω
Signal source	AC: 1kHz open-circuit voltage: <30mV current: <15mA	
Range	Auto 6 range, manual & nominal	Auto 4 range, manual & nominal
Test speed	2t/s; 10t/s; 20t/s ; (manual 1range) 1.8t/s; 6.8t/s; 16t/s	
Max display	R: 2200 ; V: 60000	R: 2200 ; V: 6000
Calibration	Short circuit zero correction for all range	
Max resolution	R: 0.1mΩ ; V: 1mV	
Trigger	Internal, Manual, Remote	
Comparator	Individual voltage comparison; Individual resistance comparison; Voltage resistance combination comparison; OK/NG sorting result display; Beep	
Interface	Build -in Mini-USB (virtual serial port); Charging interface; U disc interface	
Test Terminal	4 terminal shielding (2 check & 2 driver) External shield ground	
Battery parameter	8.4V, 2200mAh Li battery	
Charging time	Max :300Min	
Working time	≥ 8H	
Accessories	ATL501B 4-terminal test probe ; ATL909 DC adaptor; ATL202 bag; ATL804 Li battery; ATL105Mini-USB communication cable ; ATL506B 4-terminal test probe (AT528L optional)	