AT 528/528L
HANDHELD BATTERY TESTER

500 sets of measurement data saved with one click

CHINESE/ENGLISH OPERATION
130 (W) * 210 (H) * 38 (D)
UNIT: mm
Weight: 650g



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 0.01mΩ~2.2KΩ, with a DC voltage of 0.0001V~60V. 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 sorting system to complete fully automatic assembly line testing. And equipped with USB-RS232 interface for remote control and data acquisition and analysis.

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

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 souce	AC：1kHz open-circuit voltage：<30mV current：<15mA	
Range	Auto 7 range, manual & nominal	Auto 5 range, manual & nominal
Test speed	2 t/s； 10 t/s ； 20 t/s ； （manual 1range）1.8 t/s； 6.8 t/s； 16 t/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）	