AT 525/525D
HANDHELD BATTERY TESTER

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

AC resistance/DC voltage

Internal resistance online testing
Simultaneous measurement of internal resistance voltage

- Four terminal testing method
- **UPS online detection**
- **One click saving of measurement parameters**

The AT525 is a handheld instrument controlled by a high-performance 32-bit ARM microprocessor that is fully automated for real-time detection. The instrument can test a resistance of 0.001m Ω to 3.3 Ω, a DC voltage of 0.0001V to 60.000V, and a maximum resistance of 3300 display digits and a maximum voltage of 60000 display digits. The instrument is equipped with a built-in USB-RS232C interface, which can be effectively used for remote control and data acquisition and analysis through data acquisition software.

The instrument uses Onmeas instrument to enhance the remote control command set of the computer, and is compatible with SCPI (Standard Command for Programmable Instrument) to efficiently complete remote control and data collection functions.



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

MODEL	AT525	AT525D
Measurement Range	R: 0.001mΩ~3.300Ω V: 0.0001~60.000V	R: 0.001mΩ~3.300Ω V: 0.0001~200.000V
Parameter	AC resistance, DC voltage	
Accuracy	R: 0.5%±5dgt V: 0.05%±5dgt	
Signal souce	AC: 1kHz open-circuit voltage: <30mV Test current: <15mA	
Range	Automatic, Manual, Norminal, 4 ranges	
Test speed	1 t/s	
Max display	R: 3300 V: 60,000	R: 3300 V: 200,000
Max resolution	R: 0.001mΩ V: 0.1mV	
Calibration	Short circuit zero correction for all range	
Trigger	Internal、Manual、Remote	
Comparator	Individual voltage comparison; Individual resistance comparison;Voltage resistance combination comparison;OK/NG sorting result display;Beep	
Test Terminal	4 terminal shielding（2 check & 2 drive ）External shield ground	
Battery parameter	8.4V， 2200mAh Li battery	
Charging time	Max :300Min	
Working time	≥8H	
Interface	Build-in Mini-USB; Charging interface; U disc interface	
Others	3.5 inch color 16M TFT-LCD display; keypad lock、data hold function; compatible SCPI order set; Adjustable background light; Auto power-off; 500 sets measured data save with one key	
Accessories	ATL501B 4-terminal kelvin test clip; ATL909 DC adaptor ; ATL105 Mini-USB communication cable; data acquisition software; ATL202 bag; ATL804 Li battery * ATL506B 4-terminal test probe *	