AT 525/525D
HANDHELD BATTERY TESTER

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 Applent 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 *		