

# AT 526/526B/526G/526J / 526K Special measuring instrument for internal resistance voltage of fuel cells

CHINESE/ENGLISH  
OPERATION

264 (W) \* 107 (H) \* 350 (D)  
UNIT: mm

Weight: 4kg

## AC resistance/DC voltage

Quickly and accurately measure the voltage and internal resistance of the battery under working conditions

AT526 is a newly designed high-precision and high stability battery tester. Not only can it quickly and accurately measure the voltage and internal resistance of UPS lead-acid batteries under working conditions, but it has also been optimized for the measurement of high-voltage internal resistance of fuel cells. The internal signal source improves anti-interference performance, significantly reduces interference from fuel cell load devices, and can also be stably tested under high current testing conditions.

The AT526 series is widely used in high-performance and intelligent instruments for testing fuel cells, lead-acid batteries, contact resistance, battery voltage, and battery internal resistance. The instrument has

- Simultaneous measurement of internal resistance voltage
- Built in sorting comparator



■ Power Voltage: 110VAC/240VAC Frequency: 50Hz Max power: 20VA

professional sorting function, sorting sound setting, and is applied to the automatic sorting system to complete fully automatic assembly line testing. And it can be equipped with a USB interface for remote control and data collection and analysis.

MODEL	AT526B	AT526	AT526G	AT526J	AT526K
Parameter	AC resistance, DC voltage				
Accuracy	R: 0.5%; V: 0.05%	R: 0.5%; V: 0.02%			
Measurement Range	0.001mΩ~33.000Ω	0.001mΩ~33.000kΩ			
	0.0001V~60.000VDC	0.00001V~120.000VDC	0.00001V~400.000VDC	0.00001V~600.000VDC	0.00001V~800.000VDC
Signal Source	AC 1kHz				
Max display	R: 33,000				
	V: 60,000	V: 120,000	V: 400,000	V: 600,000	V: 800,000
Range	4 range, auto & manual	7 range, auto & manual			
Result display	Show, ΔABS, Δ%, θ, sorting				
Test Speed	Fast 27.4 t/s、Medium 10.2 t/s、Slow 3.8 t/s				
Calibration	Short circuit zero correction for all range				
Comparator	RHI/RNG/RLO output, VHI/VNG/VLO output, Absolute tolerance ±TOL sorting, Percentage tolerance TOL sorting, Sequence comparison sorting				
Trigger	Internal, Manual, External & Remote				
Interface	RS-232C ; RS-485 ; USB ; Handler (PLC)				
Others	Color TFT-LCD display keypad lock and data hold function, internal memory and U-disk record.				
Accessories	ATL502 Kelvin Test leads、ATL108 RS232 communication cable; ATL502A Test probe (AT526B Optional ATL502A) ;				
Options	ATL502A Test probe、ATL609 Test Fixture				