

AT527 series adopts a high-performance 32-bit ARM microprocessor-controlled full-automatic real-time inspection miniature desktop instrument. Instrument used 4.3-inch true color LCD display, full touch operation, brand new instrument interactive experience. The instrument can test the resistance from 0.0001mΩ to 3.3000kΩ, DC voltage from 0.00001V to 1000.000V, the maximum resistance is 33,000 display digits, and the maximum voltage is 800,000 display digits. AT527 series also has the characteristics of high precision, high resolution and ultra high speed measurement, providing 0.5% resistance accuracy and 0.01% voltage accuracy.



SPECIFICATIONS

	AT527L	AT527A	AT527	AT527B	AT527H
Parameters	AC resistance, DC voltage				
Accuracy	Resistance: 0.5%, Voltage: 0.01%				
Resistance Range	0.0001mΩ~3.3000kΩ				
Voltage Range	0.00001V~60.000V	0.00001V~200.000V	0.00001V~400.000V	0.00001V~800.000V	0.00001V~1000.000V
Signal Source	AC 1kHz				
Range	7 ranges Automatic, manual and nominal ranges. Nominal range: The instrument will automatically select the best range based on nominal value.				
Speed	4 t/s, 8 t/s, 20 t/s, 55t/s				
Result Display	Show, sorting results				
Display Max	Resistance: 31,000, Voltage: 600,000				
Adjustment	Short-circuit clear zero for all ranges				
Comparator	The instrument has sorting function. RHI / RNG / RLO output. VHI / VNG / VLO output. BUS NG / OK output.				
Trigger	Internal, manual, external and remote				
Interface	RS232C, Handler interface (PLC), USB interface				
Others	4.3-inch true-color TFT-LCD touch screen				

GENERAL FEATURES

Power Supply	Voltage: AC 100/240V, Frequency: 50/60Hz Power: Max 15VA
Size and net weight	264mm (Width)x107mm (Height)x350mm (Depth); 4kg

ORDERING INFORMATION

Accessories	ATL527 Kelvin test leads RS232 communication cable AC power cord
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