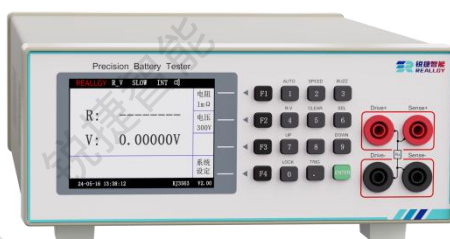


RJ3563 Series Battery Resistance Tester



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Product Description

The RJ3563 series of Battery Resistance Testers address the growing need for battery pack resistance testing by providing solutions for internal resistance(ACIR)and cell voltage(OCV) testing. It can test up to 1500V battery packs, covering most of the batteries and battery packs. The internal resistance measurement adopts the four-wire system, and its resolution is as low as $0.1\mu\Omega$, which ensures the accuracy of the measurement.

Key Features

- Capable of measuring high-voltage battery packs(RJ3563D) up to 1500V;
- High-speed sampling test, the minimum corresponding time is 50ms,Suitable for high-speed sorting in the production line;
- RJ3563 extensible RJ35 can be externally connected to RJ35-SXXSWITCH UNIT(optional), to realize multi-channel testing;
- High resistance/voltage resolution and strong anti-interference capability;
- Supporting file system and USB flash drive export.

Specification

Function		Technical specifications						
Internal Resistance Measurement	Range	1mΩ (RJ3563D not available)	10mΩ (RJ3563D not available)	100mΩ	1Ω	10Ω	100Ω	1kΩ
	Maximum display value	3.1mΩ	31mΩ	310mΩ	3.1Ω	31Ω	310Ω	3100Ω
	Resolution	0.0001mΩ	0.001mΩ	0.01mΩ	0.0001Ω	0.001Ω	0.01Ω	0.1Ω
	Measurement Current	100mA		10mA	1mA	100μA	10μA	
	Measurement Frequency	1kHz±0.2Hz						
	Accuracy	±(0.5%rdg.+10dgt.)		±(0.5%rdg.+5dgt.)				
Voltage Measurement	Temperature Coefficient	±(0.05%f.s.+1dgt.)/°C						
	Range	6V	60V	100V (RJ3563 only)	300V (RJ3563A only)	1000V (RJ3563C only)	1500V (RJ3563D only)	
	Maximum Reading	6.00000V	60.0000V	100.000V	300.000V	1000.00V	1500.00V	
	Resolution	0.00001V	0.0001V	0.001V	0.001V	0.01V	0.01V	
	Accuracy	±(0.01%rdg.+3dgt.)					±(0.05%f.s.+4dgt.)	
Sampling Time	Temperature Coefficient	±(0.001%f.s.+0.5dgt.)/°C						
Sampling Time		Ultra-fast		Fast		Medium speed		Slow
		85ms		106ms		138ms		217ms
Comparator		30 sets of records, 4 levels of sorting						
Trigger source		Internal trigger, manual trigger, communication trigger, external trigger						
External Interfaces		RS232/RS485、Handler(PLC)、USB						
Net weight		3kg						
External Dimension		213mmx88mmx395mm(W×H×D) without foot, foot height 15mm						
Power Supply		AC100V~240V, 50/60Hz						

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Attachment	1 manual, 1 power cord (1.5 m), 1 communication cable (1.5 m), 1 test cable (test clip) (1.5 m), 1 GPIB connector head
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Model selection

Model	Internal Resistance Range	Voltage Range	Internal Resistance Maximum Reading	Maximum voltage reading
RJ3563	0.1 $\mu\Omega$ ~3k Ω	0.01mV~100V	3100.0	100.000
RJ3563A	0.1 $\mu\Omega$ ~3k Ω	0.01mV~300V	3100.0	300.000
RJ3563C	0.1 $\mu\Omega$ ~3k Ω	0.01mV~1000V	3100.0	1000.00
RJ3563D	0.01m Ω ~3k Ω	0.01mV~1500V	3100.0	1500.00

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