

RJ1836H Multi-function Safety Tester



Product Description

RJ1836H Multi-functional safety tester, has the test functions of AC voltage withstand, DC voltage withstand, insulation resistance, and it can provide fast and efficient safety testing for battery module, pack, new energy automotive, household appliances, power electronics and other industries.

Main usage

- Meet the test requirements of CCC, IEC, EN, VDE, BS, UL, JIS and other mandatory standards for electrical safety;
- Automated articulation test for AC withstand voltage, DC withstand voltage, insulation resistance items;
- Arc detection, arc detection function, and output lockout when product testing arc alarms, so as to prevent irreparable damage caused by product burns from continuous arc discharge;
- Discharge function, DC withstand voltage or insulation resistance project after the test to set the discharge project, according to the size of the capacitance to set the discharge time, display the discharge process voltage, intuitive understanding of the discharge results;
- 30 test groups, 8 test steps per group, convenient operation;
- RS232 interface, PLC interface, network port communication(LAN).

National Service hotline: 4008-515-616

No.38 Longfei Road, Chengyang District, Qingdao

Official website: www.ruijie-ate.com

Specification

Model		RJ1836H	
AC Voltage Withstand Test	Output Capacity	550 VA (5000V/110mA)	
	Output Voltage	Range/Resolution/Accuracy	50V-5000V / 1V / ± (1%rdg.+5dgt.)
	Voltage Frequency	Range/Accuracy	50Hz / 60Hz ±0.1%
	Current lower limit setting	Range	0.000mA-110.0mA
	Current Upper	Range	0.000mA-110.0mA
	Time setting	Range/Resolution/Accuracy	1.0s -999.9s /0.1S /± (0.1%rdg.+5dgt.)
	Current Measurement	Range/Resolution/Accuracy	0.001mA-110.0 mA /0.001/ 0.01 /0.1 ± (1%rdg.+5dgt.)
DC voltage with standard test	Output Capacity	120 VA (6000V/20mA)	
	Output Voltage	Range/Resolution/Accuracy	25V-6000V / 1V / ± (1%rdg.+5dgt.)
	Current lower	Range	0.0μA-9999μA/10.00mA-20.00mA
	Current Upper	Range	1.0μA-9999μA/10.00mA-20.00mA
	Time setting	Range/Resolution/Accuracy	1.0s -999.9s /0.1S /± (0.1%rdg.+5dgt.)
	Current Measurement	Range/Resolution/Accuracy	0.1uA/ 1uA /0.01mA ± (1%rdg.+5dgt.)
	Maximum Capacitive Load	1μF<1000V , 0.75μF<2KV , 0.5uF<3KV , 0.08μF < 4KV , 0.04μF < 5KV	
Insulation Resistance Test	Output Capacity	120 VA (6000V/20mA)	
	Output Voltage	Range/Resolution/Accuracy	25V-6000V / 1V / ± (1%rdg.+5dgt.)
	Lower resistance limit setting	Range	0.100MΩ-100.00GΩ
	Resistance limit setting	Range	0.100MΩ-100.00GΩ ; HHHH 表示不判断上限
	Time setting	Range/Resolution/Accuracy	1.0s -999.9s /0.1S /± (0.1%rdg.+5dgt.)

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	Resistance Measurement	Range/Accuracy	25V-99V 0.100MΩ -500 MΩ ± (15%rdg.+2dgt.) 100V-499V 0.100MΩ-2.000GΩ ± (5%rdg.+2dgt.) 500V-799V 1.000MΩ-999.9MΩ ± (2%rdg.+2dgt.) 1.000GΩ-9.999GΩ ± (5%rdg.+2dgt.) 10.00GΩ-50.00GΩ ± (15%rdg.+2dgt.) 800V-6000V 1.000MΩ-999.9MΩ ± (2%rdg.+2dgt.) 1.000GΩ-9.999GΩ ± (5%rdg.+2dgt.) 10.00GΩ-100.00GΩ ± (15%rdg.+2dgt.)
	Maximum Capacitive Load		1μF<1000V , 0.75μF<2KV , 0.5μF<3KV , 0.08μF < 4KV , 0.04μF < 5KV
Other indicators	Arc test		0 off 1-9(1 most sensitive)
	External Interfaces		RS232,PLC LAN(Optional RS485)
	Operating Environment		0°C~40°C,20%RH~70%RH
	Power supply interface		AC220V,50/60Hz
	Weight		25kg
	External Dimension		430mm×133mm×550mm(W×H×D) excluding the feet height, the feet height is15mm
	Accompanying documents and Accessories		1 manual, 1 power cord (1.5 m), 1 set of communication cable (1.5 m), 1 set of test cable (1.5 m)