

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 electrical safety standards;
- AC withstand voltage, DC withstand voltage, insulation resistance items automatic connection test;
- Arc detection function, product test arc alarm output lock, prevent continuous arc discharge product burn caused by irreparable damage;
- Filter function, for capacitive substance test, can relatively maintain data stability in the test, reduce the data surge caused by capacitor charge and discharge;
- Discharge function, set the discharge time according to the capacitance, display the discharge process voltage, and intuitively understand the discharge result;
- 30 test groups, each group of 8 test steps, easy to operate;
- 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 WITH STANDARD TEST	Output Capacity		550 VA (5000V/110mA)
	Output Voltage	Range/Resolution/ Accuracy	50V~5000V / 1V / $\pm (1\%rdg.+5dgt.)$
	Voltage Frequency	Range/Accuracy	50Hz / 60Hz $\pm 0.1\%$
	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 $\pm (0.1\%rdg.+5dgt.)$
	Current Measurement	Range/Resolution/ Accuracy	0.001mA~110.0 mA /0.001/ 0.01 /0.1 $\pm (1\%rdg.+5dgt.)$
DC VOLTAGE WITH STANDARD TEST	Output Capacity		120 VA (6000V/20mA)
	Output Voltage	Range/Resolution/ Accuracy	25V~6000V / 1V / $\pm (1\%rdg.+5dgt.)$
	Current lower limit setting	Range	0.0 μ A~9999 μ A/10.00mA~20.00mA
	Current Upper	Range	1.0 μ A~9999 μ A/10.00mA~20.00mA
	Time setting	Range/Resolution/ Accuracy	1.0s ~999.9s /0.1s $\pm (0.1\%rdg.+5dgt.)$
	Current Measurement	Range/Resolution/ Accuracy	1.0 μ A~9999 μ A/10.00mA~20.00mA 0.1 μ A/ 1 μ A /0.01mA $\pm (1\%rdg.+5dgt.)$
	Contact detection current		on/off 0.001mA~20.00mA
INSULATION RESISTANCE TEST	Maximum Capacitive Load		1 μ F<1000V,0.75 μ F<2KV, 0.5 μ F<3KV,0.08 μ F < 4KV ,0.04 μ F < 5KV
	Output Capacity		120 VA (6000V/20mA)
	Output Voltage	Range/Resolution/ Accuracy	25V~6000V / 1V / $\pm (1\%rdg.+5dgt.)$
	Lower resistance limit setting	Range	0.100M Ω ~100.00G Ω
	Resistance limit setting	Range	0.100M Ω ~100.00G Ω ; HHHH Indicates that the upper limit is not determined
Test	Time setting		1.0s ~999.9s /0.1s $\pm (0.1\%rdg.+5dgt.)$

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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)	
	Filter function	on/off 1~6 (step by step)	
	External Interfaces	RS232(Optional:RS485),PLC,LAN interface	
	Operating Environment	0°C~40°C,20%RH~75%RH	
	Power supply interface	AC220V,50/60Hz	
	Net weight	25kg	
	External Dimension	430mm×133mm×550mm(W×H×D)without foot, foot height 15mm	
	Attachment	1 manual, 1 power cord (1.5 m), 1 set of communication cable (1.5 m), 1 set of test cable (3 m), 1 D-type connector	