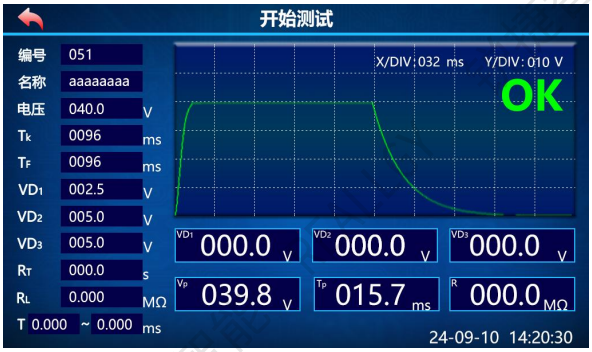
RJ6912H Pulse cell short circuit analyzer

Product Description

RJ6912H pulse cell short circuit analyzer is a special instrument used for Hi-pot test before liquid injection, which can effectively identify short circuit and micro short circuit inside the cell. The instrument can monitor the whole process of Hi-pot test, generate the test waveform, and analyze the test process through the wave shape to confirm the cause of internal short circuit and micro short circuit. The product can be used for power battery, energy storage battery, 3C battery, super capacitor, aluminum electrolytic capacitor and other product testing.



Key Features

- The whole process detection of pulse waveform can identify local transient (micro) short-circuit discharge;
- 5V-1000V voltage setting;
- Output current 0.5mA-50mA adjustable;

- The test process can be independently segmented control, and the voltage drop in the process of voltage boost, voltage holding and free discharge can be independently detected and judged;
- Speed automatic charging and discharging process, millisecond level test, high detection efficiency;
- Data storage: local storage failure test product waveform and test data, and can achieve U disk storage;

Specification

Type number	RJ6912H
Voltage output	5.0V ~ 1000V Minimum resolution: 0.1V Accuracy: ±(0.5% st. + 5dgt.)
Cell capacity	120000nF
Test time	20ms ~ 1000ms Stride length: 1ms Accuracy: ±(0.5% st. + 2dgt.)
Insulation resistance test range and accuracy	5.0V -- 9.9V: 2.000MΩ -- 100.0MΩ ±(10% rdg.+5 dgt.) 10.0V -- 19.9V: 0.200MΩ-200.0MΩ ±(5% rdg.+5 dgt.) 20.0V -- 29.9V: 0.200MΩ-300.0MΩ ±(5%rdg.+5 dgt.) 30.0V -- 49.9V: 0.200MΩ-500.0MΩ ±(5% rdg.+5 dgt.) 50.0V -- 199.9V: 2.000MΩ-1.000GΩ ±(3% rdg.+2 dgt.) 200.0V -- 499.9V: 2.000MΩ -- 2.000GΩ ±(3%rdg.+2 dgt.) 500.0V - 1000V: 2.000MΩ-3.000GΩ ±(3% rdg.+2 dgt.) 3.001GΩ-9.999 GΩ ±(10% rdg.+2 dgt.) 10.00GΩ-50.00GΩ ±(25% rdg.+2 dgt.)
Insulation resistance Test time	0.3s ~ 999.9s Accuracy: ± (0.1%st.+0.1s)
Discharge resistance	10 k Ω
Liquid crystal display	7 inch touch screen
Voltage mode	Voltage maintenance, free discharge
Extended function	Automatic detection
External interface	Standard: PLC (switching quantity), RS232, LAN port optional: RS485
Use environment	0℃~40℃, 20%RH ~ 70%RH
Power supply	AC100-240V, 50/60Hz, 200VA
Heavy weight	6.2 kg
Exterior dimensions	270mm×133mm×400mm (W×H×D) without foot, foot height 15mm