

RJ6825D Potential Equalization Tester



Product Description

RJ6825D potential equalization tester is a high-performance instrument for resistance test of electrical products, in line with the "GB4706.1-2005 Household and similar electrical appliances safety Part I: General requirements" and its special requirements, in line with the "GB9706.1-2020 Medical electrical equipment Part I: General Requirements for Basic safety and Basic Performance "and other relevant standards, meet the" JJG 984-2004 Verification Regulations for Ground Conduction Resistance Tester ".

Its excellent performance and rich functions and external interfaces make it especially suitable for automated production test lines, laboratories, metrological verification departments and scientific research institutes.

Key Features

- Dc output, current output up to 100A;
- Four-wire system compensation test, can compensate wire harness and contact resistance;
- Protection function, designed with hardware and software protection measures, overload and open circuit and other abnormal state, automatically stop output, send an alarm signal;
- Phase-shifting full-bridge soft switching technology, the output current is stable and reliable;
- Standard RS232 communication, network port communication and PLC remote control port, to meet the automatic data acquisition and remote control.

Specification

Features		Technical indicators
Output Features	Output current range/resolution/accuracy	DC 5.00A~100.00A / 0.01A / $\pm(0.5\%rdg.+0.5\%f.s.)$
	Open circuit voltage	DC 10V
	Output capacity	1000VA
Parameter Settings	Resistor upper limit Set range/resolution	0m Ω ~600.00m Ω / 0.01m Ω
	Resistance lower limit set range/resolution	0m Ω ~600.00m Ω / 0.01m Ω
	Time setting range/resolution	1.0s~999.9s / 0.1s
Parameter Measurements	Current measurement range/resolution/accuracy	DC 5.000A~100.000A / 0.001A / $\pm(0.5\%rdg.+0.5\%f.s.)$
	Voltage measurement range/resolution/accuracy	0.0000V~10.0000V / 0.0001V / 0~1V: $\pm(0.2\%rdg.+0.002V)$ 1~10V: $\pm(0.3\%rdg.+0.03V)$
	Resistance measurement range/resolution/accuracy	0m Ω ~600.00m Ω / 0.01m Ω / $\pm(3\%rdg.+2dgt.)$
Other Indicators	External interface	Standard: RS232, LAN interface, PLC remote control interface
	Use environment	0°C ~ 40°C, 20%RH ~ 75%RH
	Power supply	AC 220V, 50Hz/60Hz
	Net weight	17.3 kg
	Overall dimensions	442mm×89mm×590mm (W×H×D)without foot, foot height: 15mm
	Attachment	1 manual, 1 power cord (1.5m), 1 communication cable (1.5m), 1 set of test cables (optional)