

# RJ8800 Electronic Component Automatic Test System



## System Introduction

RJ8800 series automatic test system for electronic components is automatic test equipment developed for the automatic testing of parts and components of home appliances, battery packs, electric vehicles and other electrical equipment. It covers the automated testing of function and performance indexes of resistors, heating tubes, capacitors, reactors, LEDs, common-mode inductors, industrial frequency transformers, high-frequency transformers, relays, stepping motors, pumping pumps and other kinds of electrical equipment parts and components;

The automatic test system adopts open hardware and software structure, according to the function and performance test requirements of the products under test, it adopts industrial computer equipped with customized host computer software, and selects and configures the comprehensive safety performance tester developed by Ruijie, AC and DC test power supply, AC and DC electronic load (box), power analyzer, special control switching unit and other measuring and testing instruments, so that it can realize the R&D precision test, production high-speed test, quality sampling and so on for the users. Testing, production of high-speed testing, quality sampling test and other basic needs and other customized testing needs, provide a complete set of test solutions.

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## Key Features

- **Function customization:** Configure test and measurement equipment for static and dynamic performance of different electronic components, customize PC software and automatic test process;
- **Project Optimization:** Designed a special standard test project library according to relevant inspection and test standards;
- **Safe and efficient:** according to the test items and requirements of the product under test, customized safety isolation automatic test bench, equipped with safety protection, multi-station detection and automatic output test status functions;
- **Informatization:** Informatization: Automatically invoke the detection process according to the input QR code information; Automatically bind the product code under test and test data results; Output test reports according to requirements.

## Test Items

Serial number	Testing functions	Serial number	Testing functions
1	AC Voltage Withstand Test	8	Inductance parameters measurement
2	DC voltage withstand test	9	Dynamic and static (gear) power consumption test
3	Insulation Resistance Test	10	Action voltage, release voltage test
4	Inductive voltage withstand test	11	Torque test
5	Turn-to-turn shock voltage withstand test	12	Flow and head test
6	Measurement of resistance parameters	13	Other custom features
7	Capacitance value parameter measurement		