

RJ8830 Wiring Harness Comprehensive Test System



System Introduction

The RJ8830 Series wiring harness Comprehensive Test Systems is designed and developed for the new energy battery pack, electric vehicles, home appliances and other electrical equipment composed of wire harness, FPC, CCS and other automatic test equipment. The test functions cover multi-channel on-state, low on-resistance, AC/DC withstand voltage, insulation resistance, NTC temperature sensor and other types of multi-channel, various types of performance parameter testing.

The automatic test system adopts open hardware and software structure, and according to the function and performance test requirements of the tested products, it is equipped with customized AC/DC voltage insulation tester, DC low resistance tester, multi-channel scanning unit, high-voltage isolation unit and other test equipments; and it adopts industrial computer equipped with customized host computer software, which provides a complete set of customized test solutions for the users to realize the R&D precision test, production high-speed inspection, quality random checking and other customized test requirements. Customized testing needs, provide a complete set of reliable testing solutions.

National Service hotline: 4008-515-616

No.38 Longfei Road, Chengyang District, Qingdao

Official website: www.ruijie-ate.com

Key Features

- **Function Customization:** Based on different test requirements, equip with all kinds of standard measuring and testing equipment, test equipment and customize upper computer software and automatic test process;
- **Precision Optimization:** Configure precision DC low-resistance testers, using a four-wire system to achieve precision low-resistance
- **Project Optimization:** According to the relevant inspection and testing standards, design and optimization of the special standard test item library, According to the actual test requirements to call the test item or edit their own test process related to the test standard library;
- **Safe and efficient:** customized high-voltage isolation unit according to the test items and requirements of the product under test, automatic scanning and switching of the test process, safe and reliable;
- **Informatization:** According to the input of QR code and other information, the testing process is automatically invoked, and the coded information of the product under test and the test data and results are automatically bound; the test report is output according to the testing requirements.

Specification

Serial number	Testing functions	Test Parameters
1	Multi-channel Quantity Configuration	10CH~500CH
2	Wiring harness on-off test	ON/OFF
3	AC Voltage Withstand Test	100V~5000V/0.10mA~100mA
4	DC voltage withstand test	100V~6000V/0.001mA~10.000mA
5	Insulation Resistance Test	100V~1000V/1M~50GΩ
6	Wiring Harness On-Resistance Test	0.01μΩ-100M Ω
7	NTC resistance test	0.01μΩ-100MΩ

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