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Automatic Electrical Safety System

Product No: LS9955

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The LS9955/LS9956 Automatic Electrical Safety Tester is according to [GB4706.1](#), [IEC/EN60335-1](#), UL60335, [GB7000](#), [IEC60598](#), GB4943, IEC60950 and GB9706.1. It is used for luminaries, home application and motor tools safety test in production line or R&D Lab.


**Specification:**


- Remote control device (Optional)
- Display all setting parameters and testing results in the same big LCD menu
- PASS/FAIL limit values can be set. It has alarm sound and indicator light
- Test mode programmable; 50 groups setting available, 8 test steps per group
- Quick discharge
- Support 50Hz and 60Hz frequency; Electric safety wall detecting feature
- The LS9955 can do test for Withstand Voltage (AC/DC), Insulation Resistance (IR), Leakage Current (LLC) and Ground Resistance (GR)
- The LS9956 can test for Withstand Voltage (AC/DC), Insulation Resistance (IR), Leakage Current (LLC), Ground Resistance (GR) and Power

Withstand Voltage Test (AC/DC)			Insulation Resistance Test (IR)		
Voltage Range	Accuracy	Current Range	IR Range	Accuracy	Voltage Range
100~4000V	± (5%+3V)	AC: 0.10~20.00mA DC: 0.10~12.00mA	1.00~2000MΩ	5% + 0.5MΩ	DC100~1000V
Leakage Current Test (LLC)			Grounding Resistance Test (GR)		
LLC Range	Accuracy	Voltage Range	GR Range	Accuracy	Output Current
0.10~20mA	± (0.3%+5uA)	AC10.0~300.0V	0~600mΩ	± (5%+2mΩ)	AC1.00~30.00A
Power Test					
Voltage	Current	Power	PF	Accuracy	Test Time
10~300V	0.010~20.00A	1.0~6000.0W	0.2~1.0	Class 0.5	0~999.9s

Related Applications

 CFL Lamp Test Solutions

 LED Driver Test Solutions

 LEDs and Luminaire Test Solutions

Related Technical Articles

- Automatic Electrical Safety System and the notes when you are testing
- The main differences between the LED driver standards ANSI / UL8750 and EN / IEC 61347-2-13
- CE-LVD Low Voltage Directive Overview
- IEC60598 General Requirements and Testing
- LISUN on the 2015 New Delhi LED Expo
- The Development of Energy Management Control System in Japan
- LISUN on HKTDC Hongkong Lighting Fair
- Electrical Safety Performance Test
- LISUN Will Attend 2013 Hong Kong International Lighting Fair (Autumn Edition)
- Programmable Lighting Safety Tester

Related Successful Case

Switzerland – Free maintenance for goniophotometer, integrating sphere and electrical safety test systems for our old client

Related Products

