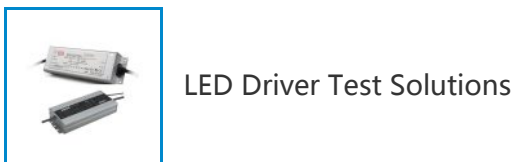


Product Categories

- Goniophotometer >
- Spectroradiometer >
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- LED Test Instruments >
- CFL Testing Instruments >
- Photometer and Colorimeter >
- EMI and EMC Test Systems >
- Electronic Ballast Tester >
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Related Applications



Related Technical Articles

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LISUN Designed Several Different Test Instruments for LED Driver According to IEC 62384:2006

Related Successful Case

Mexico_ Free installation and training for ATE-1 Electronic Ballast Automatic Test System and ATE-2 LED Driver Automatic on-line Test System, JL-3456 waterproof equipment and ZY-3 Needle Flame Tester for customer



LED Driver Automatic Test System

Product No: ATE-2

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Description

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ATE-2 LED driver automatic test equipment is applied to the production line for the finished products testing. With features of simplified operation and nice-looking, the workers can operate it at very short time. This system can meet the requirements of IEC62384, GB24825-2009 and other relative standards.

Characteristics:

- This system includes 2 groups (left and right); the 2 groups can work in turn, so that to improve the work efficiency. For example, if the left is on working, then the right can make wire connection.
- It can test 4 LED drivers input and output at one time.
- The equipment can connect with electronic load and LED load, the two difference loads can be fast switch under the control of computer.
- Enable to print out the series number and parameters of sub-quality products by working with a micro-printer,
- Enable to achieve the bar-code record function by working with a bar-code scanner.
- The test report can be saved as Excel file for consult, statistic and analysis purpose.
- Good software interface to freely choose the difference parameters combination, so that to meet different demands. All the parameters can set limit, and with the quality analysis function.

Specifications:

Item	Test Range	Tolerance	Test Condition
Voltage	AC: 3 ~ 300V (CF=1.67)	±(0.1%reading+0.1%range+1digit)	45~65Hz sine-wave Calibration validity: 12 months
	DC: 3 ~ 500V		
Current	AC: 5mA ~ 2.7A (CF=3)		
	DC: 5mA ~ 8A		
Power	AC: 0.015 ~ 800W		
	DC: 0.015 ~ 4000W		
Power Factor	0.000 ~ 1.000	±(0.002+0.001/reading+1 digit)	
Frequency	45Hz ~ 65Hz	±0.1% Reading	
Harmonic	Total harmonic and 2-11 times harmonic component	±(0.1% range+5% Reading)	
Surge Current	50mA ~ 100A	±(0.5% range+0.5% range+1digit)	Square wave with pulse width greater than 10μs Calibration validity: 12months
Lamp Voltage	AC: 3 ~ 300V (CF=1.67)	±(0.1%reading+0.1%range+1digit)	45~65Hz sine-wave Calibration validity: 12months
	DC: 3 ~ 500V		
Lamp Current	AC: 5mA~2.7A (CF=3)		
	DC: 5mA ~ 8A		
Lamp Power	AC: 0.015 ~ 800W		
	DC: 0.015 ~ 4000W		
Ripple Current	Max: 5mA ~ 8A	±(1%reading+1%range)	20-70kHz sine-wave

