








**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 >
- Electrical Safety Tester >
- Environmental Test Chamber >
- Plug and Switch Testing >
- AC and DC Power Supply >
- Object Color and Glossiness Test >
- Mask Produce and Test Machine >
- Electronic Components Test >

**Related Applications**

-  Automotive Electronics Test Solutions
-  Cable and Wire Test Solutions
-  Household Appliances Test Solutions
-  Plug and Switch Test Solutions
-  LED Driver Test Solutions
-  Mobile and Network Test Solutions
-  LEDs and Luminaire Test Solutions

**Related Technical Articles**

- Environmental conditions test standards and test requirements for road vehicle lights
- Precautions for production and use of infrared forehead thermometers
- GDJS/GDJW High and Low Temperature Humidity Chamber is Designed According to IEC 60068-2-1 Environmental Testing Part 2-1: Tests-Test A: Cold
- Characteristics of LISUN GDJS series High and Low Temperature Humidity Chamber
- How to predict and test the life of LED?
- LISUN participate in the largest Lighting Fair in Russia – Interlight Moscow
- LISUN Exhibition Notice: November 2017 Thailand International Lighting Fair
- LISUN Exhibition Notice: November 2017 Interlight Moscow
- LISUN Participate in the 2017 Hong Kong International Lighting Fair
- The Status of High Low Temperature and Humidity Test Chamber in China Market
- High and low temperature and thermal shock test
- The main differences between the LED driver standards ANSI / UL8750 and EN / IEC 61347-2-13
- Basic Environmental Test for Luminaire According to IEC 60068
- CE-LVD Low Voltage Directive Overview
- AMA: LED Street Light above 3000K Bears More Health Risks
- IESNA-LM-80 for LED Lumen Maintenance Test
- Too slow for LED aging? Try this!



High and Low Temperature Humidity Chamber

Product No: GDJS-015B

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Name\*  Company\*

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Message\*

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Description Video Download

High and Low Temperature Humidity Chamber is according to IEC60068-2-1 (GB/T2423.1) and IEC60068-2-2 (GB/T2423.2), IEC60068-2-78, IEC60598-1, GB/T2423.17, GB/T5170.2, GB/T5170.5. It is used to test the CFL/LED which meets IES LM-80-08, electricity products, electronic components, material and so on.

**Specifications:**

- The chamber is made of SUS304 Steel. The thermal insulation layer is made of polyurethane hard foam ultra-fine glass fiber. The heat-insulated doorframe uses high temperature aging silicone rubber sealing strip.
- The temperature controller includes Korean TEMI display in English/Chinese and German Siemens PLC. It can communicate with PC via RS-232. The temperature accuracy is 0.1°C and humidity accuracy is 0.1%R.H
- The temperature sensor is platinum PT100Ω/MV
- The independant heating system uses nickel-chrome electric heater
- The refrigerating system is fully enclosed air-cooled single-stage compression refrigeration mode, and the compressor is from France TECUMSEH brand which can allow you get after sales support from many other countries
- The circulation system uses temperature resistant and low noise air-conditioned motor and multi-blade centrifugal wind wheel
- The safety protection system includes electric leakage, short circuit, over temperature, motor overheating, compressor pressure, overload, over-current protection
- Working Voltage: AC380V±10% 3phases and frequency 50Hz/60Hz
- Working Environmental: Temperature is 5°C ~ +30°C Humidity ≤85%R.H

High & Low Temperature and Humidity Chamber with Programmable Function (GDJS Series)					
Model (cm)	GDJS-225*	GDJS-500*	GDJS-010*	GDJS-013*	GDJS-015*
Workroom Dimensions	50x60x75	70x80x90	100x100x100	100x100x130	100x100x150
Exterior Dimensions	105*102*200	132*132*217	167*152*231	217*152*231	245*160*231
Work Power	7.0kW	13.5kW	15.0kW	16.5kW	16.5kW
Temperature Range	A: -20°C-150°C B: -40°C-150°C C: -60°C-150°C				
Humidity Range	30%~98% R.H				
Fluctuation/Evenness	±0.5°C/±2°C				
Humidity Deviation	-2%~-3% R.H				
Temperature Rise Speed	1.0°C~3.0°C/min				
Temperature Down Speed	0.7°C~1.0°C/min				

High and Low Temperature Chamber with Programmable Function (GDJW Series)					
Working Room Size	GDJW-225*	GDJW-500*	GDJW-010*	GDJW-013*	GDJW-015*
Workroom Dimensions (cm)	50x60x75	70x80x90	100x100x100	100x100x130	100x100x150
Temperature Range	A: -20°C-150°C B: -40°C-150°C C: -60°C-150°C				
Fluctuation/Evenness	±0.5°C/±2°C				
Temperature Rise Speed	1.0°C~3.0°C/min				
Temperature Down Speed	0.7°C~1.0°C/min				

The \* in GDJS-225\* means the temperature range A: -20°C-150°C, B: -40°C-150°C, C: -60°C-150°C

**Related Products**

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SC-015 Dustproof Testing Machine
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JL-X Waterproof Test
- 

YWX/Q-010 Salt Spray Test Machine
- 

HLST-500D High and Low Temperature Thermal Shock Chamber

