

User Manual of Thermal Shock Climatic Chamber --2 Box Structure

Read before Operation

Before operation this machine, please read this manual thoroughly, and keep a copy with the machine for future reference. This manual is to be considered part of your machine.

Model: NG-CJ

I. Product Introduction

1. Product Name: Thermal Shock Climatic Chamber--2 Box Structure

2. Application Industries: Optoelectronics, semiconductor industry, electronic components industry, home appliances, electronic gifts, stationery and gifts, automotive parts industry, and computer-related industries, etc.

3. Product Description:

- 1) Simulates the testing of industrial parts, main components, and semi-finished products, such as electronic components, automotive parts, laptop computers, etc., under combined climatic temperature and humidity conditions (high and low temperature operation, storage, temperature cycling, high temperature and high humidity, low temperature and low humidity, condensation test, etc.), testing whether the product's adaptability and characteristics change, and assessing its reliability and temperature and humidity environmental testing.
- 2) Complies with international standards (IEC, JIS, GB, MIL, etc.) to achieve international consistency in measurement procedures (including test steps, conditions, and methods), avoiding differences in understanding and reducing the range of factors causing measurement uncertainty.

4. Product Model: NG-CJ

5. Machine Dimensions:

Inner Box Dimensions: 400*400*400mm (W×H×D)

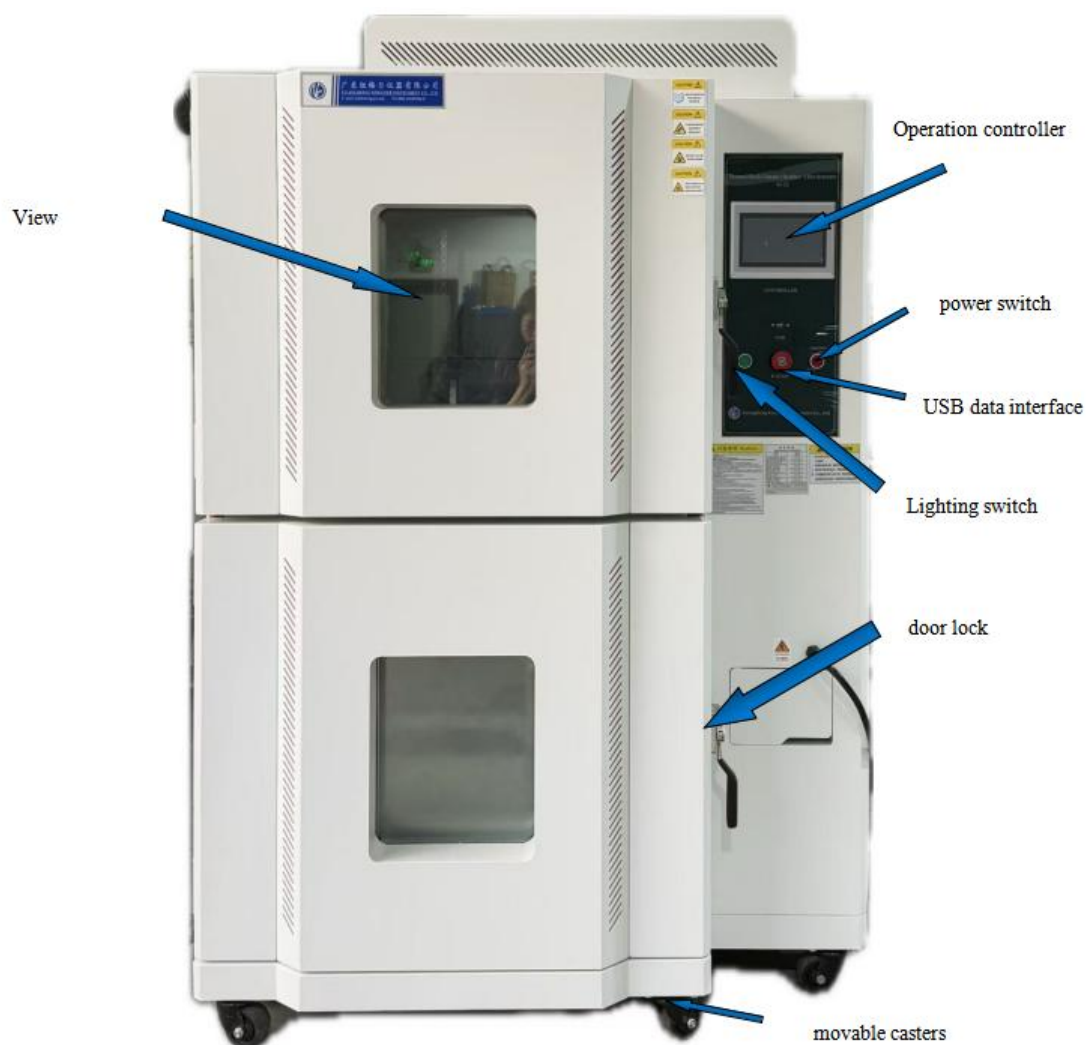
6. Temperature and Humidity Range:

- 1) High Temperature Range: $+60^{\circ}\text{C}\sim+150^{\circ}\text{C}$ (Settable)
- 2) Chilled Water Temperature Range: $+5^{\circ}\text{C}\sim+20^{\circ}\text{C}$ (Settable)

7. Machine Accuracy:

- 1) 1. Resolution Accuracy: Temperature: $\pm 0.1^{\circ}\text{C}$
- 2) 2. Control Stability: Temperature: $\pm 0.5^{\circ}\text{C}$
- 3) 3. Distribution Uniformity: Temperature: $\pm 2.0^{\circ}\text{C}$

II. Product Illustrations and Introduction:



III. Product Installation Requirements

Power Supply: Three-phase five-wire 220V $\pm$ 10% 50HZ

Total Power: 7KW

Environmental Temperature Requirements for Equipment Performance

Guarantee: 0°C~30°C

Humidification Water: Must use purified or distilled water

***Note: Ensure the water source is as clean as possible! Groundwater is strictly prohibited!**

Quality Assurance

I 、 The guarantee period is 12 months (consumer goods and travel cost are not included).

II 、 The main quality warranty maintenance certificate.

(1) Please keep this guarantee letter, if you lost it, please connect with us in a month.

(2) If this guarantee letter has been altered or it has no our stamp, it is useless.

III、 The following conditions need to pay reasonably even in the assurance period.

- (1) Natural reasons
- (2) Operating mistakes
- (3) Voltage is not fit for our operation instruction
- (4) Repack it without our guides
- (5) Damaged for borrowing to others
- (6) Damaged for authorized machine modification
- (7) Damaged for authorized calibration
- (8) Authorized transshipment mistake
- (9) Serve for long distance area

IV、 Notes:

(1) Where the original in Guangdong province installation of our products, if the product moved to outside Guangdong-area use, whether or not within the effective warranty period, the transportation and travel expenses of the service personnel should be paid by the client.

(2) All customers outside of Guangdong province, whether or not in the warranty period, the service of transportation and travel expenses paid by the customer.