

## Anti-Yellowing aging test chamber TNJ-043



### Description:

Manufactured according to ASTM D1148, the ultraviolet radiation and heat of simulated sunlight, the specimen is irradiated by ultraviolet rays and temperature in the machine, after a period of time, the degree of yellowing resistance of the specimen is observed, the stained gray label is used as a reference to determine the grade of yellowing, the machine accessories are complete, and the oven is used.

### Advantage:

1. Temperature Range—— Ambient Temperature~200°C
2. Control Mode—— Automatic Calculation Controller
3. Time memory—— 0-999 hours, Power Failure Memory Type, with Buzzer



Dongguan Hust Tony Instruments Co.,Ltd

东莞华科东尼仪器有限公司

Addr: No. 1 Tech 9 Road, High-New Tech Development Zone, Songshan Lake, Dongguan City 523808,China

Tel: 86-769-23010657

Fax: 86-769-23010667

Email: [sale@tonyhk.hk](mailto:sale@tonyhk.hk)

4. Sample holder rotation speed—— Diameter 45cm, 10±2 roll/min
5. UV light source—— 300W UV lamp
6. Aging chamber factory quote
7. Global after sales technical services
8. Over-temperature protection. protection: automatically cut off the power when the overtemperature is out of control. The general setting is about 20° C-30° C larger than the thermostat.
9. **Good Packaging:** Simulation Animatronic Customer Triceratops are covered with air bubble film before put them into the wooden case, which not only has good shock absorption, impact resistance, heat sealing and also has the advantages of nontoxic, odorless, moisture corrosion, good transparency etc.
10. The anti yellow aging chamber can do two tests: **anti-yellowing and aging.**
  - (1) Anti-yellowing: to stimulate the environment condition, driven by the sun ultraviolet radiation. It's generally thought that the appearance change at 50°C for 9 hours, in theory as exposed to atmosphere for 6 months.
  - (2) Aging: it can promote the increase of sulfur rubber deterioration so as to calculate the change rate of tensile and elongation before and after heat. Its generally thought that test for one day at 70C, in theory as exposed to the atmosphere for 6 months.

### **Application Industry:**

1. Electronic products: mobile phones, computers, television, video recorders and so on
2. Textile fabric products: clothes, hats, shoes, ropes
3. Wire and cable: data cable, usb,
4. Leather products: handbags, wallets, leather shoes, leather chairs
5. Instrumentation, vehicles, plastic products, metal,
6. Food, chemical, building materials, medical, aerospace
7. Others...



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## Specification

Model	TNJ-043
Internal chamber size(W*D*H)	50×60×50cm
Temperature Range	RT-200°C
Control Mode	Automatic Calculation Controller
Temperature display accuracy	0.1°C
Control accuracy	±0.3 °C
Distribution accurac	±1 % (ambient ~ 100°C)
Time memory	0-999 hours, Power Failure Memory Type, with Buzzer
UV light source	300W UV lamp
Standard spare parts	1 turntable, 2 sheds
Heating method	Hot air circulation
Security	Overtemperature power off indicator, safety overload switch
Chamber material	Internal: Stainless Steel SUS304;
Weight	150kg
Power supply	220V 50Hz 18A

## Standard

ASTM D1148