

Temperature and Humidity Test Chambers



Application:

Programmable Temperature and Humidity test Chamber .This temperature and humidity test chamber is widely used in testing the various materials of heat-endurance, cold-endurance, dryness-endurance, and humidity-endurance.

suitable for quality control of electronics, electrical appliances, instruments, food, vehicles, metal, chemical, building materials, aerospace, medical etc.

Provide the simulation experiment of natural conditions by setting test chamber temperature and humidity..In order to test the reliability of the products in this environment.

Technical parameters:

Model		TNJ-041-80	TNJ-041-150	TNJ-041-225	TNJ-041-408	TNJ-041-800	TNJ-041-1000
Capacity		80 Liter	150 Liter	225 Liter	408 Liter	800 Liter	1000 Liter
Dimension	Inner Dimension (W *H* D)cm:	40*50*40	50*60*50	50*75*60	65*85*80	80*100*100	100*100*100
	Outer Dimension (W *H* D)cm:	85*140*95	95*150*115	95*165*115	105*175*135	145*190*135	155*195*150

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	D)cm						
Temperature	Temperature range(Optional):	A:0~+150°C B:-20~+150°C C:-40~+150°C D:-60~+150°C E:-70~+150°C Temperature range(optional, can be custom-made) B:-20~+150°C C:-40~+150°C D:-60~+150°C E:-70~+150°C					
	Temperature fluctuation degree:	± 0.5°C					
	Temperature uniformity:	2 °C or less					
	Temperature deviation:	±2°C or less					
	Avg. rate of fall	Fall + 20 to 40°C temperature drop time (light) 60 minutes					
	Avg. rate of rise	Temperature rise time - 40 to 100 °C (light) 45 minutes					
	Humidity	Humidity range:	20% ~ 98% R.H can be set.				
Humidity deviation:		2%R.H					

Construction

Control Panel:	LCD touch screen controller (Korea TEMI880)
Control Program memory capacity:	120 level programmable, maximum 999 times
Shell material:	201 brushed stainless steel plate or cold rolled steel plate anti-rust treatment
Inner box material:	SUS304# mirror stainless steel plate
Thermal insulation materials:	Polyurethane foaming or high density super fine imported glass wool.
Observation window:	Use the conductive film toughened glass, lighting equipment to start the fluorescent lamp in the fly lipu pl-s 11W.
Fan:	Centrifugal fan
Heater:	U-fin type 304# seamless steel high-speed heating electric heater
Refrigeration compressor:	French taikang scroll compressor
Refrigeration:	Air cooled
Refrigeration accessories:	Bending force, danfoss of Denmark, honeywell, Germany, etc
Sample rack:	Two floors
Electrical accessories:	Fuji international famous brand
Pin hole:	On the left side of the machine Φ 50 mm
Wiring mode:	The electric control wiring method is carried out according to international electrical standard

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Security device:	Fan overload protection,compression overheating protection, overpressure protection, overtemperature protection, moisture and water shortage protection
Total power:	9KW
Power Supply:	AC220V optional 50Hz 4.5KW

Features:

- 1.LED touch-screen controller, User-friendly, operation easy and simple.
- 2.Style design is perfect,arc type and surface spray coating,high texture appearance,use plane handle,easy to operate,safe and reliable.
- 3.Huge observation window,wide and bright visio.Use three layer vacuum coating window and Philips energy-saving fluorescent lamp, unnecessary Windshield wiper mist,keep Clear observation effect,observe sample condition in any time.
- 4.Water and electricity share to ensure safety, Humidifying system channel separate from power,controller and circuit board,to avoid leaking affect circuit,Improve safety.
5. Frozen and control system advanced and reliable,imported France Compressor, eco-friendly refrigerant
6. Digital , with user friendly interface.
7. Stainless steel interior
8. Microprocessor based controller with large led / digital display
9. Specimen power supply control terminal turns specimen off if chamber faults
10. RS 232 computer interface
11. Daily program timer , digital
12. 24 hour timer, digital
13. Weekly program timer, digital

Some of our strategic partners as follow:

1. Shenzheng SGS-CSTC Standards Technical Services Co., Ltd (Physics Lab)
2. Qingdao SGS-CSTC Standards Technical Services Co., Ltd (Physics Lab)
3. Guangzhou SGS (Physics Lab)
4. SGS Vietnam (Physics Lab)
5. SGS Korea (Physics Lab)
6. SGS Mexico (Physics Lab)
7. SGS HK (Physics Lab)
8. Shenzhen Academy of Metrology & Quality Inspection (Physics Lab)
14. Consumer Testing Technology Co., Ltd (CTT)

15. Accurate Technology Co., Ltd (ATC)
16. NS Technology Co., Ltd (NST)
17. BACL Bay Area Compliance Laboratories Corp.(BACL)
18. TUV Rheinland (Shenzhen) Co., Ltd.
19. Lctech (DongGuan) Testing Service Co., Ltd
20. HUST Manufacturing Engineering Institute
25. COOMO
26. Dongguan CACAR Kitchen
27. Shenzhen Airland Furniture Ltd.
28. BOCK Germany (Physics Lab)
29. Intertek China
30. SGS Pakistan (Private) Limited
31. PT SGS INDONESIA
32. TUV RHEINLAND VIETNAM CO.,LTD
33. TUV Rheinland of North America Softlines
34. API Lab Testing Ltd
35. Cotecna Inspection Hong Kong Limited (Toys Testing Lab)
36. Applus (Shanghai) Quality Inspection Co., Ltd (EN71 Toys Testing Lab)
37. Dekra Shenzhen (Furniture lab testing)
38. Dekra Hongkong

生产企业简介及概况 Company Profile

东莞华科东尼仪器有限公司于 2006 年在东莞成立事业部。公司位于东莞市松山湖高新技术产业开发区东莞华中科技大学制造工程研究院内，汇聚了国内机械数控及软件研发核心团队，专业生产和研发**家具测试仪器、纺织测试仪器、玩具测试仪器和汽车检测仪器**等。秉承先进的设计技术和理念，卓越的制造技术和严格的质量管理系统，公司以“精心制造，用心服务”为宗旨，竭诚为制造企业及第三方检测行业提供最好的产品、咨询与服务。经过多年的努



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力，已在测试领域享有很高的荣誉。并通过 ISO9001: 2008 质量体系认证，已被全球最大的检测机构，SGS 和 TUV 设为长期供应商。我们生产的所有仪器均符合，ISO、AATCC、ASTM、DIN、EN、GB、BS、JIS、ANSI、UL、TAPPI、IEC、VDE 等标准。我们的测试仪器已出口到多个国家的企业和测试机构，同时也提供全面的实验室整体解决方案。



服务承诺:

东莞华科东尼仪器有限公司自成立以来，一直致力于测试仪器生产和服务工作。我公司以“生产优质产品，提供满意服务”作为对用户的承诺。为了保证您的利益得到切实保障，我们建立了一套快速的质量信息反馈系统和一支技术过硬的技术服务队伍，热情为您提供服务。



Company Profile

Dongguan Hust Tony Instruments(HTI) is located in high & new tech development zone, Songshan Lake, Dongguan City. Also **Tony International (HK) Co.,Ltd** is our private-owned cooperation in HK. By supporting from Mechanical CNC and Software R&D core team of DG-HUST Manufacturing engineering institute . HTI specializes in producing and R&D for furniture testing machine, textile testing machine, toys testing equipment, Vehicle Testing Equipment. Continue



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the advanced design technology and concept, excellent technology of producing and outstanding system of quality management, HTI aims at "manufacture carefully, service by heart" ,devoting the best products, counseling and service to schools, manufacturing enterprise,and third party testing industry.

Up to today HIT products spread to countrywide users.We take pride in having a long list of satisfied customers, who always look up to us for their various requirements. Most of our

customers are satisfied from our products and services and as a result of which, we are getting repeat orders. Some of our important customers, include:

SGS in France,SGS in Vietnam, SGS in China,SGS in Korea,Intertek in China,SAT in China,BACL in Shenzhen, NSF in Shanghai, ITS,BV,TUV etc

The quality proves value, the effort brings success

What you concerning is we are struggling all the time.....

