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元耀，知冷暖！

Contents

目录

公司信息 Company Information

公司简介 Company Profile	01
企业理念 Corporate Philosophy	03
发展历程 Development History	05
证书 Certification	07
合作客户 Cooperated Custome	08
产品介绍 Product Introduction	09

温湿度系列 Temperature Humidity Series

恒温恒湿试验箱 Temperature Humidity Chamber	09
三层式恒温恒湿试验箱 3 Layers Temperature Humidity Chamber	11
复合式环境试验箱 Climate And Vibration Combined Test Chamber	12
快速温变试验箱 Rapid Rate Temperature Chamber	13
大型环境试验室 Walk In Climate Chamber	15
高海拔低气压箱 High Altitude Low Pressure Chamber	17
汽车风扇高低温交变箱 Automobile Fan High Low Temperature Chamber	1
两箱冷热冲击试验箱 2 Zones Thermal Shock Chamber	19
三箱冷热冲击试验箱 3 Zones Thermal Shock Chamber	21
液体式冷热冲击箱 Liquid Type Thermal Shock Chamber	23

工业烤箱系列 Industrial Oven Series

精密热风烤箱 Precision Hot Air Oven	24
精密无尘烤箱 Precision Hot Air Clean Oven	25
氮气烤箱 Nitrogen Drying Oven	26
真空烤箱 Vacuum Oven	27
真空氮气烤箱 Vacuum Nitrogen Drying Oven	28
汽车风扇疲劳真空烤箱 Auto Fan Fatigue Vacuum Oven	29

老化箱系列 Aging Chamber Series

LCD 老化试验箱 LCD Aging Chamber	30
TO老化箱 TO Aging Machine	31
中央控制老化箱 Central Control Type Aging Oven	32
蒸汽老化试验箱 Steam Aging Test Chamber	33
臭氧老化试验箱 Ozone Aging Test Chamber	34
换气老化箱 Air-ventilation Aging Test Chamber	35
氙灯老化试验箱 Xenon Lamp Aging Test Chamber	36
紫外线老化试验箱 UV Aging Chamber	37

IP及腐蚀设备系列 IP&Corrosion Equipment Series

防尘试验箱 Dust Proof Test Chamber	38
防水试验箱 Water Proof Test Chamber	39
盐雾试验箱 Salt Spray Test Chamber	40

力学设备系列 Mechanical Equipment Series

电磁式高频振动台 Electromagnetic High Frequency Vibration Testing Table	41
跌落试验机 Drop Test Machine	42

非标定制产品 Customized Product

气候模拟测试系列 Climate Simulation Test Series	43
高温干燥/老化系列 High Temperature Drying / Aging Series	45



Company Profile

公司简介

广东元耀仪器设备有限公司，成立于2009年，位于珠三角制造业名城东莞市，是一家集研发、生产、销售为一体的可靠性环境试验设备高新技术企业。为了更好的服务客户，我司在国内外多地设有办事处。完善的产品系列和及时的售后服务，在世界500强企业及国内外各类电子、电器、新能源汽车、通信、化工、光纤、大学和科研机构、军工、无人机等领域中，均得到广泛的认可和嘉许。

我司供应GB、IEC、DIN等标准相对应的各类可靠性环境试验设备，产品主要包括恒温恒湿试验箱、冷热冲击箱试验箱、快速温变试验箱、步入式环境试验箱、高海拔低气压试验箱、复合式环境试验箱、精密热风烤箱，真空烤箱，氮气烤箱，LCD老化试验箱，IP等级防护箱、振动台、老化箱等。公司通过了ISO9001:2015质量体系认证及TUV和SGS验厂，大部分产品通过了CE认证。

为更好地适应市场的快速变化及客户的多样化需求，公司于2018年在安徽新建厂房，总面积达13000m²。秉承“检测，提高”的理念，我司不断开发满足企业检测需求的高质量产品，全力为提高客户产品的品质服务。

“雄关漫道真如铁，而今迈步从头越！”在今后的岁月里，我们将用激情和真心呵护我们的公司。在“说到，做到，做更好”的元耀精神引领下，昂首阔步走进新时代！再铸辉煌！

元耀仪器竭诚欢迎您的光临！



Guangdong Yuanyao Test Equipment Co., Ltd. was established in 2009 and located in Dongguan, a famous industry city in the Pearl River Delta. It is a high-tech enterprise integrating R&D, production and sales of reliability environmental testing equipment. To provide service better for customers, Yuanyao has sales & services office at home and abroad. Stable products and high-quality after-sales service have enabled Yuanyao to rank among the Fortune 500 companies and various domestic and foreign companies which in the fields of electronics, electrical appliances, new energy vehicles, communications, chemicals, optical fibers, universities and scientific research institutions, military industry, and drones.

All equipment of YUANYAO is manufactured in compliance with the appropriate standards of GB, IEC & DIN, or customer requirements. Our production includes temperature humidity chambers, thermal shock chambers, HALT chambers, walk in environmental test chambers, altitude test chambers, Climate & vibration chambers, hot ovens, IP resistance test chambers, shakers, aging test chambers, etc. Our manufacturing plant in Dongguan is registered to ISO9001:2015. Most of our products models are CE marking.

In 2018, our 13000sqm new manufacturing plant was established in Anhui province China. Our strong and continuous growth pattern has been the result of a progressive management philosophy, providing quality equipment and an unequalled dedication to after sales support.

The strong pass of the enemy is like a wall of iron, yet with firm strides, we are conquering its summit. We are committed to excellence in every aspect of our business, from our engineering capabilities and our customer service to our manufacturing processes and personnel.

Welcome to YUANYAO !



Corporate Philosophy

企业理念

公司愿景: 成为世界上最专业的环境仪器制造商

公司使命: 为客户创造价值, 为员工搭建人生成功的舞台, 为社会做出应有的贡献

经营价值观: 人才 诚信 团结 创新 优质 共赢 快乐 感恩

人才: 让想干事的人有机会, 能干事的人有舞台, 干成事的人有地位有待遇。唯才是举, 真才必用

诚信: 诚信为本, 稳健经营, 守合同, 以诚信赢得客户, 以诚信开拓市场

优质: 打造一支精干高效的优秀团队, 创优质精品, 树企业品牌, 让用户满意, 确保高质量的经营业绩

创新: 创新经营理念, 创新经营模式, 不放弃一切机会, 以快, 准制胜

共赢: 面向市场, 加强合作, 优势互补, 互惠互利, 同心图治, 实现共赢

快乐: 快乐生活 快乐工作

感恩: 以感恩的心面对世界 以包容的心和谐自他, 以分享的心回报大众 以结缘的心成就事业

Company vision: Become the most professional environmental equipment manufacturer in the world.

Company mission: Create value for customers, build successful life stage for employees, and contribute to the society.

Business values: Talents, honesty, unity, innovation, quality, win-win, happiness, thanksgiving

Talents: Give opportunity to people who want to do things, offer stage to people who can do, people who achieved the goal enjoy status and treatment. Only the talented people will be recommended and used

Honesty: Base on honesty, steady management, abiding by contract, to win customers and explore the market with honesty.

Quality: Build a high-efficient team, create high quality products, establish corporate brand, make the users satisfied, ensure high quality business performance.

Creation: Innovate business ideas, innovate business mode, don't give up any opportunity, to win by quickness and accuracy.

Win-win: face market, strengthen cooperation, complementary advantages, mutual benefit, concentrate on management, achieve win-win situation.

Happy: Enjoy life, enjoy work.

Grateful: With grateful heart to face the world, in a tolerant heart to get along with others harmoniously, to share the heart and return to the public, to achieve a successful career by attached heart

Development History

发展历程

开始步入测试设备行业
Went into testing equipment industry

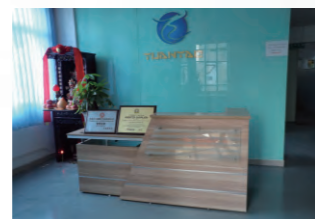


2001

2004



东莞市长安元耀检测仪器设备经营部成立
Dongguan Chang'an Yuanyao Testing Equipment operation department was established.



东莞市元耀电子科技有限公司注册成立
Dongguan Yuanyao Electronics Technology Co., Ltd was registered.

2009

2011



国际业务部成立，产品远销欧美、东南亚等20多个国家。
In 2011, the international business department was established, and the products are exported to more than 20 countries in Europe, America and Southeast Asia.

2013



昆山分公司成立
Kunshan Branch was established.

2017



公司多项产品专利申请成功。同时公司搬迁新的厂房，面积达5000m²。
Successful application for multiple product patents. The company moved to a new factory with an area of 5000m².

2018



安徽元耀成立并建设独立厂房，占地面积13000m²。
In 2018, Anhui Yuanyao was registered. An independent factory with an area of 13,000 square meters was built.

2021



扩展外贸部门，在市中心成立新的外贸办公室，我们一直在进步。
Expand export department and set up new office in CBD of Dongguan. We always keep improvement

我们一直在进步

We always keep improvement

Certification 证书

ISO9001 认证
ISO certification



CE 认证
CE certification



新型专利证书
Patent certification



Cooperated Customer 合作客户

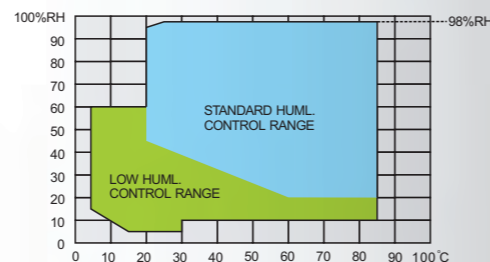
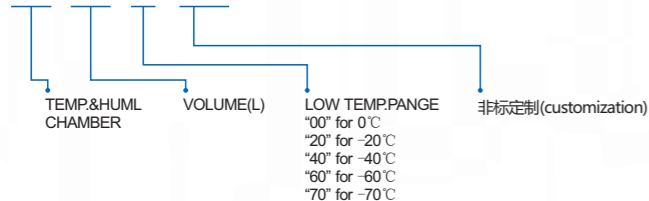


Temperature Humidity Chamber

恒温恒湿试验箱

MODEL NO.MEANING

YTH - XXX - XX - XX



应用领域 Application:

用于检测材料在各种环境下性能及试验各种材料耐热、耐寒、耐干、耐湿性能，主要应用于电子、电器、手机、通讯、仪表、车辆、塑胶制品、金属、食品、化学、建材、医疗、航空航天等行业

Used for material performance test under different environment, such as heat, cold, moisture, heat and moisture, mainly applied in electronics, electrical appliances, mobile phones, communications, instruments, vehicles, plastic products, metals, food, chemicals, building materials, medical, aerospace and other industries.

特点 Features:

- 触摸屏控制器，支持多种语言
- 自动补水功能(选配)
- 可支持电脑操作和实时监控
- 非标定制服务
- 水电分离
- Touch screen controller, different languages interface
- Automatic water filling(optional)
- Access to PC remote control and monitoring
- Customization services
- Independent water and electricity system

规格表 Specification:

型号 Model	YTH-080	YTH-150	YTH-225	YTH-408	YTH-800	YTH-1000
内箱尺寸 Inner chamber size W×H×D (cm)	40×50×40	50×60×50	60×75×50	80×85×60	100×100×80	100×100×100
外箱尺寸 Exterior chamber size W×H×D (cm)	60×150×108	60×150×120	80×165×125	100×175×140	120×195×160	120×195×180
温度范围 Testing temperature range	-70°C, -60°C, -40°C, -20°C, 0°C~150°C, 其他温度可定做 Other temperature can be customized					
湿度范围 Testing humidity range	20%RH~98%RH(低湿low humidity10%RH~98%RH or 5%RH~98%RH可定做 can be customized)					
温湿度波动度 Temp.humi.fluctuation	±0.5°C; ±1%RH					
温湿度均匀度 Temp.humi.uniformity	±2°C, ±3%RH (空载, 稳定后30分钟) ±2°C (empty loading test after stabilize for 30 mins)					
解析精度 Temp.humi.resolution	0.01°C; 0.1%RH					
升降温时间 Heating&cooling time °C/min	升温: 平均3°C/min; 降温: 平均1°C/min Heat-up:3°C/min(average),cool-down:1°C/min(average)					
内箱材质 Interior chamber material	SUS#304不锈钢板 SUS#304 Stainless steel					
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled plate + Powder coating					
隔热材质 Insulation material	PU+玻璃棉 PU+ fiberglass wool					
循环系统 Circulation system	离心风机风循环系统 Centrifugal fan air circulation system					
加热系统 Heating system	SUS#不锈钢高速加热器 SUS# Stainless steel high-speed heater					
加湿系统 Humidification system	电热式蒸汽加湿 Electrothermal steam humidification					
除湿系统 Dehumidifying	ADP临界露点冷却/除湿方法 ADP critical dew point cooling / dehumidifying method					
制冷系统 Refrigeration system	压缩机+翅片式蒸发器+风冷(水冷)冷凝器 Compressor + Finned evaporator + Air(Water) cooling condenser					
控制系统 Controlling system	触摸液晶显示屏 Touch screen controller					
附件 Other components	真空玻璃观察窗 Vacuum glass observation window					
	通电测试孔 (50mm) Test hole (50mm)					
	控制状态指示灯 Control status indicator					
	视窗灯 View light					
保护装置 Safety protection device	隔层架2个(高度可调) 2 pcs loading shelves (adjustable height)					
	过热保护断路器 Overheat protection circuit breaker					
	加湿系统过热保护 Humidification system overheat protection					
	压缩机过载保护 Compressor overload protection					
	控制系统过载保护 Control system overload protection					
	过载指示灯 Overload indicator					
	相序保护 Phase sequence protection					
	缺水保护 Water shortage protection					
	高压低压保护 High voltage and low voltage protection					
	超温保护 Over temperature protection					
电源 Power supply	AC 1Ψ 220V; 3Ψ380V 60/50Hz					
定制服务 Customization service	非标要求可定制 Non-standard requirements is available					

*Comply with IEC-60068, ASTM D2436, JIS K7212, DIN 50011, BS2648, IEC-540

3 Layers Temperature Humidity Chamber

三层式恒温恒湿试验箱

特点 Features:

- 三机一体的设计方式，操作方便，节省占地空间。
- 每个测试区均可分别测试高温、低温或恒温恒湿三个不同控制条件。
- 所有系统均个别独立：采用三套式冷冻系统、三套加温加湿系统、三套控制系统，因此控制稳定、精确度高，并可延长机件使用寿命。
- Three layers design with easy operation and less space
- Each layer can test three different control conditions: high temperature, low temperature or constant temperature and humidity
- All systems are independent: three sets of refrigeration system, three sets of heating and humidifying system, and three sets of control systems, stable control, high precision, and long life-service



规格表 Specification:

型号 Model	YTHG-072	YTHG-162
内箱尺寸 Inner chamber size W×H×D (cm)	45×40×40	60×45×60
外箱尺寸 Exterior chamber size W×H×D (cm)	100×200×170	120×215×185
温度范围 Testing temperature range	-70℃, -60℃, -40℃, -20℃, 0℃~150℃, 其他温度可定做 Other temperature can be customized	
湿度范围 Testing humidity range	20%RH~98%RH(低湿 low humidity 10%RH~98%RH or 5%RH~98%RH可定做 can be customized)	
温湿度波动度 Temp.humi.fluctuation	±0.5℃; ±1%RH	
温湿度均匀度 Temp.humi.uniformity	±2℃; ±3%RH 空载, 稳定后30min ±1.5℃; ±3%RH (empty loading after stabilize for 30 mins)	
解析精度 Temp.humi.resolution	0.01℃; 0.1%RH	
升降温时间 Heating&cooling time °C/min	升温: 平均3℃/min; 降温: 平均1℃/min Heat-up:3℃/min(average), cool-down:1℃/min(average)	
内箱材质 Interior chamber material	SUS#304不锈钢板 SUS#304 Stainless steel	
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled plate + Powder coating	
隔热材质 Insulation material	PU+玻璃棉 PU+ fiberglass wool	
循环系统 Circulation system	离心风机风循环系统 Centrifugal fan air circulation system	
加热系统 Heating system	SUS#不锈钢高速加热器 SUS# Stainless steel high-speed heater	
加湿系统 Humidification system	电热式蒸汽加湿 Electrothermal steam humidification	
除湿系统 Dehumidifying	ADP临界露点冷却/除湿方法 ADP critical dew point cooling / dehumidifying method	
制冷系统 Refrigeration system	压缩机+翅片式蒸发器+风冷(水冷)冷凝器 Compressor + Finned evaporator + Air(Water) cooled condenser	
控制系统 Controlling system	触摸屏显示器+SSR + PID Touch screen controller+SSR+PID	
附件 Other components	真空玻璃观察窗 Vacuum glass observation window	
	通电测试孔 (50mm) Test hole (50mm)、控制状态指示灯 Control status indicator	
	隔层架2个(高度可调) 2 pcs loading shelves (adjustable height)	
保护装置 Safety protection device	加湿系统过热保护 Humidification system overheat protection、压缩机过载保护 Compressor overload protection	
	控制系统过载保护 Control system overload protection、过载指示灯 Overload indicator	
	相序保护 Phase sequence protection、缺水保护 Water shortage protection	
	高压低压保护 High voltage and low voltage protection、超温保护 Over temperature protection	
电源 Power supply	补水延时保护 Water supply delay protection、风机过流保护 Fan overcurrent protection	
定制服务 Customization service	AC 1Ψ 220V; 3Ψ 380V 60/50Hz	
	非标准要求定制 Non-standard requirements is available	

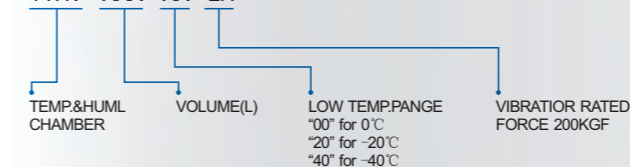
Climate And Vibration Combined Test Chamber

复合式环境试验箱



MODEL NO.MEANING

YTHV - XXX - XX - 2H



应用领域 Application:

适用于航空航天产品、信息电子仪器仪表、材料、电工、电子产品、各种电子元件在综合的恶劣环境下(温度, 湿度, 振动)检验其各项性能指标。

It is suitable for aerospace products, information electronic instrumentation, materials, electrical, electronic products, various electronic components to test its performances in a comprehensive and harsh environment (temperature, humidity, vibration) .

特点 Features:

- 在同一箱体中模拟三个环境因素的综合测试环境
- 高性能，快温变率，可以进行产品的加速应力测试
- 可以作为单独的温度/湿度试验箱使用
- 接受订制设计，满足严格的用户需求条件
- A comprehensive test environment that simulates three environmental factors in the same chamber
- High performance, fast temperature variability
- Can be used as a separate temperature/humidity test chamber
- Accept custom designs to meet stringent user requirements

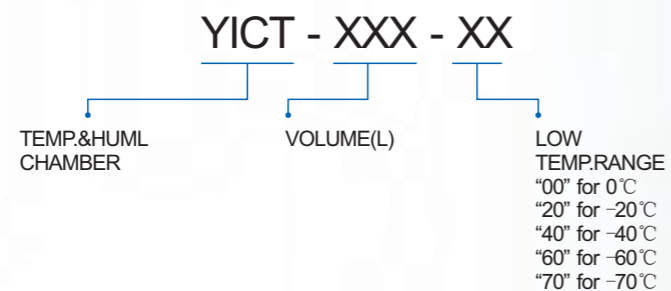
规格表 Specification:

型号 Model	YTHV-216	YTHV-343	YTHV-512	YTHV-730	YTHV-1000
内箱尺寸 Inner chamber size W×H×D (cm)	60×60×60	70×70×70	80×80×80	90×90×90	100×100×100
温度范围 Testing temperature range	-70℃, -60℃, -40℃, -20℃, 0℃~150℃, 其他温度可定做 Other temperature is available.				
湿度范围 Testing humidity range	20%RH~98%RH(低湿 low humidity 10%RH~98%RH或5%RH~98%RH可定做 can be customized)				
温湿度波动度 Temp.humi.fluctuation	±0.5℃; ±1%RH				
温度均匀度 Temp.humi.uniformity	±2℃; ±3%RH (空载, 稳定后30min) ±2℃; ±3%RH(empty loading test after stabilize for 30 mins)				
解析精度 Temp.humi.resolution	0.01℃; 0.1%RH				
升降温时间 Heating&cooling time °C/min	可定制降温速率要求 The speed can be customized				
振动台性能 Vibration test table performance					
推力 Force	3KN, 6KN, 10KN, 20KN, 30KN, 40KN, 50KN,etc.				
频率范围 Frequency range	5Hz~3000Hz				
振动方向 Vibration direction	垂直, 垂直+水平 Vertical, vertical + horizontal				
最大位移 Maximum displacement	25mm~51mm (p-p)				
最大速度 Maximum velocity	2m/s				
最大加速度 Maximum acceleration	100g(empty load)				
扩展台面尺寸 Vibration table	非标要求可定制 Non-standard requirements is available				

Rapid Rate Temperature Chamber

快速温变试验箱

MODEL NO.MEANING



应用领域 Application:

适用于航空航天产品、信息电子仪器仪表、材料、电工、电子产品、各种电子元件在温度快速转变的情况下检验产品的各项性能指标。

标准：符合GB/T2423.1-2001GB/T2423.2-2001GB/T2423.4-2001等测试标准。

Used to test the performance of products in rapid temperature change conditions, mainly applied in aerospace products, information electronic instrumentation, materials, electrical, electronic products, and various electronic components etc.

Test standards: It meets GB/T2423.1-2001GB/T2423.2-2001GB/T2423.4-2001 etc test standards.

特点 Features:

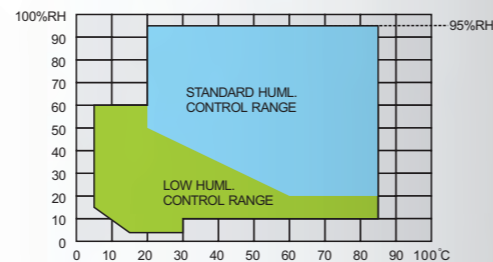
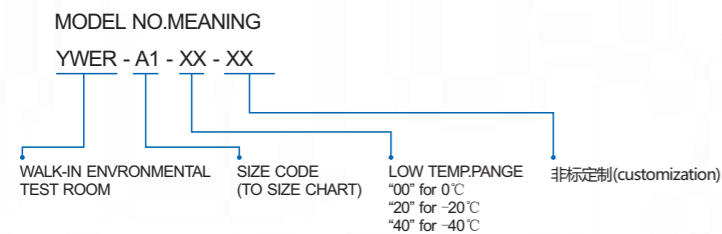
- 触摸屏控制器，支持多种语言
- 温变速率可选
- 可支持电脑操作和实时监控
- 升温、降温、加湿、去湿独立，独特的BTHC平衡调温调湿方式
- Touch controller, different language interface
- Various ramp rate available (3°C, 5°C, 8°C, 10°C, 15°C)
- Access to PC remote control and monitoring
- Heating, cooling, humidification, dehumidification separately, unique BTHC balance temperature regulation and humidity control

规格表 Specification:

型号 Model	YICT-225	YICT-306	YICT-408	YICT-800	YICT-1000
内箱尺寸 Inner chamber size W×H×D (cm)	60×75×50	60×85×60	80×85×60	100×100×80	100×100×100
外箱尺寸 Exterior chamber size W×H×D (cm)	非标定制 Customized				
温度范围 Testing temperature range	-70°C ~ 150°C(KS); -40°C ~ 150°C(KL); -20°C ~ 150°C(KR)				
快速温变范围 Rapid-rate temperature range	-55°C ~ +85°C; -40 ~ +80°C; -20 ~ +80°C; 0 ~ +80°C; -60 ~ +80°C				
升降速率 Temperature ramp rate	3°C/min, 5°C/min, 8°C/min, 10°C/min, 15°C/min (线性或非线性) 可接受非标定制 3°C/min, 5°C/min, 8°C/min, 10°C/min, 15°C/min (linear or non-linear), customization is available				
温度波动度 Temp. fluctuation	±0.5°C				
温湿度均匀度 Temp. uniformity	±1.5°C 空载, 稳定后30min ±1.5°C (empty loading after stabilize for 30 mins)				
解析精度 Temp. resolution	0.01°C				
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS#304 Stainless steel				
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled plate + Powder coating				
隔热材质 Insulation material	PU+玻璃棉 PU+ fiberglass wool				
循环系统 Circulation system	离心风机风循环系统 Centrifugal fan air circulation system				
加热系统 Heating system	SUS#不锈钢高速加热器 SUS# Stainless steel high-speed heater				
制冷系统 Refrigeration system	压缩机+翅片式蒸发器+风冷(水冷)冷凝器 Compressor + Finned evaporator + Air(Water) cooling condenser				
控制系统 Controlling system	触摸液晶显示屏 Touch screen controller				
附件 Other components	真空玻璃观察窗 Vacuum glass observation window				
	通电测试孔 (50mm) Test hole (50mm)				
	控制状态指示灯 Control status indicator				
	视窗灯 View light				
保护装置 Safety protection device	隔层架 (可自由调节2个) Shelf (2 freely adjustable)				
	过热保护断路器 Overheat protection circuit breaker				
	压缩机过载保护 Compressor overload protection				
	控制系统过载保护 Control system overload protection				
	过载指示灯 Overload indicator				
	相序保护 Phase sequence protection				
	高压低压保护 High voltage and low voltage protection				
超温保护 Over temperature protection					
风机过流保护 Fan overcurrent protection					
电源 Power supply	AC 3Ψ380V 60/50Hz				
定制服务 Customization service	非标特殊要求, 可定制 Non-standard or special requirements are all welcome				

Walk In Climate Chamber

大型环境试验室



应用领域 Application:

适用于大型零件、半成品、成品、电子电器件、汽车、橡胶、塑胶、制药工业、航天科技、军品科技及通信器材等产品进行加速温湿度环境测试、交变湿热试验、恒定湿热试验，也可以做高低温例行试验、低温储存。

Used to do accelerated temperature and humidity environmental testing, alternating or constant damp heat test, and high and low temperature routine tests and low temperature storage for large-scale parts, semi-finished or finished products, electronic components, automotive, rubber, plastics, pharmaceutical industry, aerospace technology, military technology and communications equipment, etc.

特点 Features:

- 进口触摸屏控制器，支持多种语言切换
- 自动补水功能
- 可支持电脑操作和实时监控
- 水冷/风冷可选
- 定制服务
- 内门设有大的观察窗，可以观察测试产品的测试状态
- Programmable LCD touch screen temperature controller, support multiple languages
- Automatic water filling function
- Access to PC remote control and monitoring
- Water or air cooling
- Customization services
- Big glass window to check the status of DUT

规格表 Specification:

0.01°C, 0.1%RH 这里删除了一部分

型号 Model	YWER
内箱尺寸 Inner chamber size W×H×D (cm)	非标定制 Customized
外箱尺寸 Exterior chamber size W×H×D (cm)	
温度范围 Temperature range	0°C; -20°C; -40°C; -60°C, -70°C~+70°C (+80°C)
湿度范围 Humidity range	20% RH~95%RH
温湿度波动范围 Temp.Humi fluctuation	±0.5°C; ±1%RH
温湿度均匀度 Temp.Humi uniformity	±3°C; ±5%RH (空载, 稳定后30min) ±3°C; ±5%RH(empty loading test after stabilize for 30 mins)
解析精度 Indication Resolution	0.01°C, 0.1%RH
升降温时间 Heating&cooling time °C/min	升温平均3度每分钟, 降温平均1度每分钟。Average 3 °C/min for heating, 1°C/min for cooling (unloaded)
循环系统 Air circulation system	离心风机风循环系统 Centrifugal fan air circulation system
加热系统 Heating system	SUS # 304不锈钢高速加热器 SUS # Stainless steel high-speed heater
加湿系统 Humidification system	电热式蒸汽加湿 Electrothermal steam humidification
制冷系统 Refrigeration system	压缩机+翅片式蒸发器+风冷(水冷)冷凝器 Compressor + Finned evaporator + Air(Water) cooling condenser
除湿系统 Dehumidifying system	临界露点冷却/除湿方法 dew point dehumidification method
控制系统 Controlling system	触摸液晶显示屏 Touch screen controller
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS#304 Stainless steel
外箱材质 Exterior chamber material	冷轧板喷漆 Cold rolled plate + Powder coating
隔热材质 Insulation material	聚氨酯发泡 PU
附件 Other components	真空玻璃观察窗 Vacuum glass observation window 通电测试孔 Test hole Ø50mm/Ø100mm/Ø160mm (选配 Optional) 控制状态指示灯 Control status indicator 视窗灯 View light 过热保护断路器 Overheat protection circuit breaker
保护装置 Safety protection device	加湿系统过热保护 Humidification system overheat protection 压缩机过载保护 Compressor overload protection 控制系统过载保护 Control system overload protection 过载指示灯 Overload indicator 相序保护 Phase sequence protection 缺水保护 Water shortage protection 高压低压保护 High voltage and low voltage protection 超温保护 Over temperature protection 补水延时保护 Water supply delay protection 风机过流保护 Fan overcurrent protection
电源 Power supply	AC 3Ψ380V 60/50Hz 非标定制 Power supply can be customized
定制服务 Customization service	非标要求可定制 Non-standard requirements is available

*Comply with ASTM D2436, JIS K7212, DIN 50011, BS2648, IEC-540

High Altitude Low Pressure Chamber

高海拔低气压箱

应用领域 Application:

主要用于航空、航天、信息、电子等领域，确定仪器仪表、电工产品、材料、零部件、设备在低气压、高温、低温单项或同时作用下的环境适应性及可靠性试验。

It is mainly used in aviation, aerospace, information, electronics and other fields to check the environmental adaptability and reliability of instrumentation, electrical products, materials, parts and equipment under simple low pressure, high temperature, low temperature or all these conditions.

特点 Features:

- 快速降压
- 恒温时间、运作条件、时间可以任意设定，智能化
- 多种故障报警功能和保护系统
- Rapid depressurization

Temperature constancy time, operating conditions and time can be set arbitrarily and intelligently

- Multiple fault alarm functions and protection systems



规格表 Specification:

型号 Model	YCTL-080	YCTL-150	YCTL-225	YCTL-408	YCTL-800	YCTL-1000
内箱尺寸 Inner chamber size W×H×D (cm)	40×50×40	50×60×50	50×75×60	60×85×80	100×100×80	100×100×100
外箱尺寸 Exterior chamber size W×H×D (cm)	60×172×120	121×160×125	121×175×135	131×185×155	171×200×155	171×200×175
温度范围 Test temp.range	-60℃ ~ 150℃					
温度波动度 Temp.fluctuation	±0.5℃ atmospheric pressure					
温度均匀度 Temp.uniformity	±2.0℃ atmospheric pressure					
升温时间 Heating time/℃/min	3度每分钟 (+20℃ ~ +150℃、常压、空载) 3℃/min (+20℃ ~ +150℃、atmospheric pressure、empty load)					
降温时间 Cooling time/℃/min	1度每分钟 1℃/min					
压力范围 Pressure range	常压(RP) ~ 0.5kPa					
压力控制误差 Pressure control tolerance	±0.2kPa(≤2kPa时), ±2(2kPa~40kPa时), ±5%(≥40kPa时)					
降压时间 Depressurization time	≤45min					
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS#304 Stainless steel					
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled plate + Powder coating					
隔热材料 Insulation material	玻璃棉 fiberglass wool					
风循环系统 Air circulation system	离心风机 Centrifugal fan					
加热系统 Heating system	SUS#不锈钢高速加热器 SUS#stainless steel high speed heater					
制冷系统 Cooling system	压缩机+冷凝器+蒸发器 Compressor+condenser+evaporator					
附件 Other components	样品架2套, 电源线1根(3米), 压力测试接口 Sample shelves 2pcs, electrical wire 1pcs(3m), pressure test port					
安全装置 Safety protection device	过热保护断路器 Overheat protection circuit breaker					
	压缩机过载保护 Compressor overload protection					
	控制系统过载保护 Control system overload protection					
	过载指示灯相序保护 Overload indicator phase sequence protection					
	高压低压保护 High voltage and low voltage protection					
	超温保护 Over temperature protection					
电源 Power supply	AC 3Ψ380V 60/50Hz					
定制服务 Customization service	非标要求可定制 Non-standard requirements is available					

Automobile Fan High Low Temperature Chamber

汽车风扇高低温交变箱

应用领域 Application:

用于检测材料在各种环境下性能及试验各种材料耐热、耐寒、耐干、耐湿性能，主要应用于汽车、航空航天等行业。

Use to test the materials performance in the environments of heat, cold, dry and moisture, mainly used in automobile, aerospace and other industries.

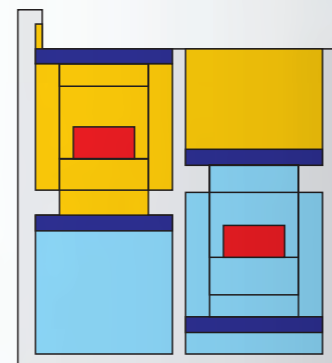
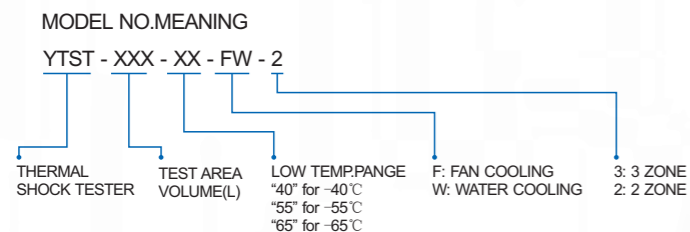


规格表 Specification:

型号 Model	非标定制 Customized	
内箱尺寸 Inner dimensions W×H×D (cm)	非标定制 Customized	
外箱尺寸 Exterior dimensions W×H×D (cm)	非标定制 Customized	
温度范围 Temp.range	-73℃, -60℃, -40℃, -20℃, 0℃ ~ 150℃, 180℃	
温度波动度 Temp.fluctuation	±0.5℃	
温度均匀度 Temp.uniformity	±1.5℃ (空载, 运行稳定后30分钟(empty loading test after stabilize for 30 mins))	
解析精度 Resolution	0.01℃	
升温时间 Heating time	100 150	100 150
	30 45	30 45
降温时间 Cooling time	0 -20 -40 -60 -70	0 -20 -40 -60 -70
	25 40 65 75 85	25 40 65 75 85
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS#304 Stainless steel	
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled plate + Powder coating	
隔热材料 Insulation material	PU+玻璃棉 PU+ fiberglass wool	
循环系统 Circulation system	离心风机风循环系统 Centrifugal fan air circulation system	
加热系统 Heating system	SUS#不锈钢高速加热器 SUS#stainless steel high speed heater	
制冷系统 Refrigeration system	进口压缩机+翅片式蒸发器+风冷(水冷)冷凝器 Imported compressor+fin type evaporator+air(water)cooling system	
除湿系统 Dehumidification system	ADP临界露点冷却/除湿方法 ADP critical dew point cooling/dehumidifying method	
转动系统 Rotation system	耐高温马达 High temperature resistance motor	
控制系统 Control system	触摸屏控制器+SSR+PID Touch screen controller+SSR+PID	
附件 Other components	真空玻璃观察窗, 通电测试孔(50mm), 指挥状态指示灯, 室内灯, 隔层架2个(高度可自由调节) Vacuum glass window, test cable(50mm), control status indicator light, chamber light, shelves(2pcs, height is adjustable)	
安全装置 Safety device	相序保护, 缺水保护, 过流保护, 超压超温保护	
电源 Power supply	AC 1Ψ 220V; 3Ψ 380V 60/50Hz	
定制服务 Customization service	非标要求可定制 Non-standard requirements is available	

2 Zones Thermal Shock Chamber

两箱冷热冲击试验箱



应用领域 Application:

是金属、塑料、橡胶、电子、汽车配件等材料行业必备的测试设备，用于测试材料结构或复合材料在瞬间下经极高温及极低温的连续环境下忍受的程度，得以在最短时间内检测试样因热胀冷缩所引起的化学变化或物理伤害，可确认产品的品质。

Widely used in the industries of metals, plastics, rubber, electronics, auto parts and other materials. It is used to test the ability of endurance of material structures or composite materials in a continuous conditions of extremely high temperature and extremely low temperature. The quality of the product can be confirmed by detecting chemical changes or physical damage caused by thermal expansion and contraction of the sample.

特点 Features:

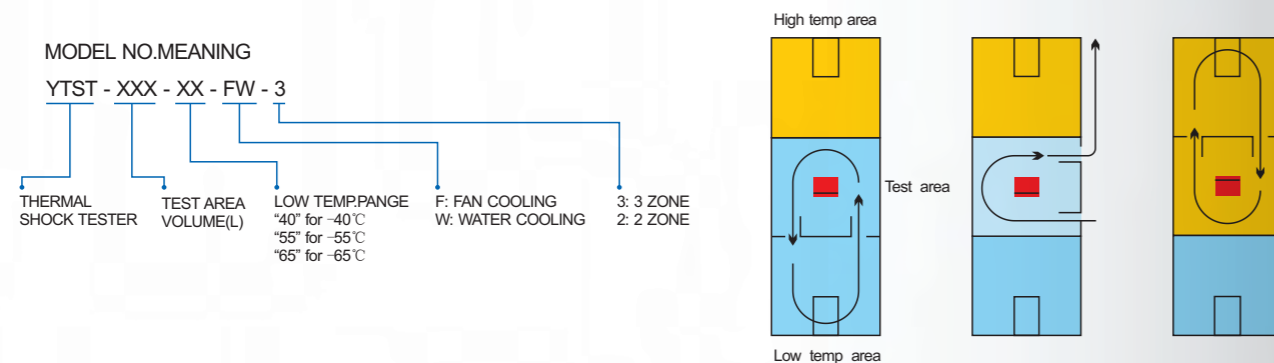
- 程式LCD触摸屏温度控制器
- 两厢气体式冷热冲击试验箱结构分为高温区，低温区和吊篮
- 风冷/水冷可选
- 15秒内可达到高低温转换，温度恢复时间3-5分钟
- Programmable LCD touch screen temperature controller, support multiple languages
- Divided in high temperature zone, low temperature zone, and a basket
- Water or air cooling
- High & low temperature transfer time: within 15 seconds, temperature recovery time: 3-5 minutes

规格表 Specification:

型号 Model	YTST-050	YTST-080	YTST-108	YTST-216	YTST-252
吊篮尺寸 Test zone size W×H×D (cm)	36×35×40	50×40×40	60×40×45	60×60×60	70×60×60
外箱尺寸 Exterior chamber size (cm)	128×182×205	142×192×205	152×192×210	215×213×205	215×223×205
预热温度范围 Hot zone temp. range	+60°C ~ +200°C				
预冷温度范围 Cold zone temp. range	-10°C ~ -40°C, -10°C ~ -60°C, -10°C ~ -70°C				
冲击温度范围 Test zone temp. range	-40°C ~ +150°C, -55°C ~ +150°C, -60°C ~ +150°C				
温度均匀度 Temp. fluctuation	±2°C				
温度恢复时间 Temp. recovery time	<5min (可定制 customizable)				
吊篮移动时间 Specimen transfer time	15秒内 within 15 seconds				
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS # 304 Stainless steel				
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled plate + Powder coating				
隔热材质 Insulation material	PU+玻璃棉 PU+Fiberglass wool				
加热系统 Heating system	SUS#不锈钢高速加热丝 Stainelss steel high temp. heater				
制冷系统 Cooling system	压缩机+翅片式蒸发器+风冷(水冷)冷凝器 Compressor + Finned evaporator + Air(Water) cooling condenser				
控制器 Controller	触摸液晶显示屏 Touch screen controller				
附件 Other components	真空玻璃观察窗 Vacuum glass observation window				
	通电测试孔 (50mm) test hole (50mm)				
	控制状态指示灯 Control status indicator				
	室内灯 Interior light				
保护装置 Safety protection device	过热保护断路器 Overheat protection circuit breaker				
	压缩机过载保护 Compressor overload protection				
	控制系统过载保护 Control system overload protection				
	过载指示灯 Overload indicator				
	相序保护 Phase sequence protection				
	高压低压保护 High voltage and low voltage protection				
	超温保护 Over temperature protection				
电源 Power supply	AC 3Ψ 380V 60/50Hz				
定制服务 Customization service	非标要求可定制 Non-standard requirements is available				

3 Zones Thermal Shock Chamber

三箱冷热冲击试验箱



应用领域 Application :

用来测试材料产品在瞬间下经极高温及极低温的连续环境下的性能。用于电子电器零组件、自动化零部件、通讯组件、汽车配件、金属、化学材料、塑胶等行业。

It is used to test the performance of material or products by instant shock under continuous conditions of extremely high temperature and low temperature. It is applied in electrical and electronic components, automation components, communication components, auto parts, metals, chemical materials, plastics, etc.

特点 Features:

- 程式LCD触摸屏温度控制器，支持多种语言
- Programmable LCD touch screen temperature controller, support multiple languages
- 测试区可单独分别做低温或者高温测试
- Test area can be separately tested for low temperature or high temperature
- 风冷/水冷可选
- Water or air cooling
- 非标定制服务
- Custom service
- 温度恢复时间3-5分钟
- Temperature recover time: 3-5 min

规格表 Specification:

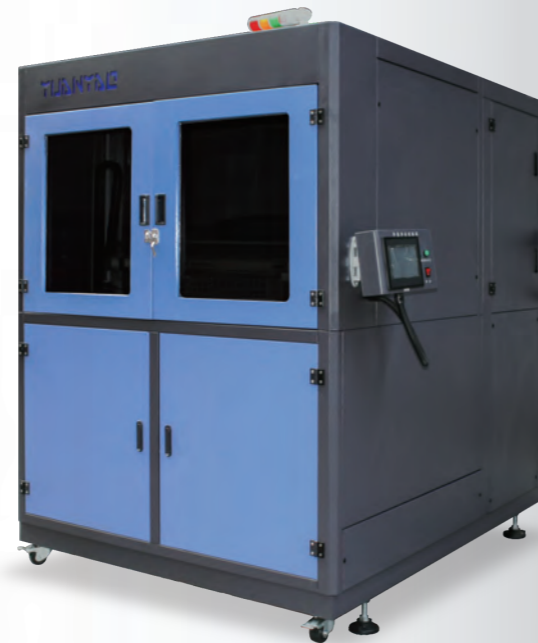
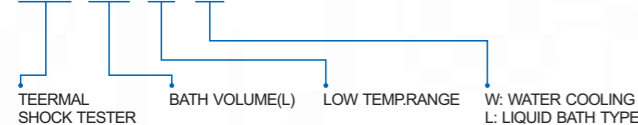
型号 Model	YTST-050	YTST-080	YTST-108	YTST-216	YTST-252
测试区尺寸 Test zone size W×H×D (cm)	36×35×40	50×40×40	60×40×45	60×60×60	70×60×60
外箱尺寸 External chamber size W×H×D (cm)	120×182×150	143×195×160	151×185×185	151×205×200	151×215×200
高温区温度范围 Hot zone temp. range	+80°C ~ +200°C				
低温区温度范围 Cold zone temp range	-10°C ~ -40°C, -10°C ~ -60°C, -10°C ~ -70°C				
冲击温度范围 Test zone temp. range	-40°C ~ +150°C, -55°C ~ +150°C, -60°C ~ +150°C				
温度均匀度 Temp. fluctuation	±2°C				
温度恢复时间 Temp. recovery time	<5min				
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS#304 Stainless steel				
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled plate + Powder coating				
隔热材质 Insulation	PU+玻璃棉 PU+Fiberglass wool				
加热系统 Heating system	SUS#不锈钢高速加热丝 Stainless steel high temp. heater				
制冷系统 Cooling system	压缩机+翅片式蒸发器+风冷(水冷)冷凝器 Compressor + Finned evaporator + Air(Water) cooled condenser				
控制器 Controller	触摸液晶显示屏+ SSR + PID Touch LCD ++ SSR + PID				
附件 Other components	通电测试孔 (50mm) Test hole (50mm)				
	控制状态指示灯 Control status indicator				
	隔层架2个(高度可调) 2 pcs loading shelves (adjustable height)				
保护装置 Safety protection device	过热保护断路器 Overheat protection circuit breaker				
	压缩机过载保护 Compressor overload protection				
	控制系统过载保护 Control system overload protection				
	过载指示灯 Overload indicator				
	相序保护 Phase sequence protection				
	高压低压保护 High voltage and low voltage protection				
	超温保护 Over temperature protection				
	风机过流保护 Fan overcurrent protection				
电源 Power supply	AC 3Ψ380V 60/50Hz				
定制服务 Customization service	非标要求可定制 Non-standard requirements is available				

Liquid Type Thermal Shock Chamber

液体式冷热冲击箱

MODEL NO.MEANING

YTST - XXX - XX - LW



应用领域 Application:

用于测试电气和电子元件、自动化组件、汽车配件、通讯组件、金属、塑料等行业、国防工业、航空航天、工业、电子芯片集成电路、半导体陶瓷和高分子材料的物理变化。

It is used to test physical changes of electrical and electronic components, automation components, automotive parts, communications components, metals, plastics and other industries, defense industry, aerospace, industrial, electronic chip integrated circuits, semiconductor ceramics and polymer materials.

特点 Features:

- 可编程LCD触摸屏温度控制器
- Programmable LCD touch screen controller
- 箱体密封设计减少导热油消耗
- Cabinet seal design reduces oil consumption
- 液体式冷热冲击试验箱结构分为高温液槽，低温液槽和吊篮
- The structure is divided into a high temperature liquid tank, a low temperature liquid tank and a hanging basket

规格表 Specification:

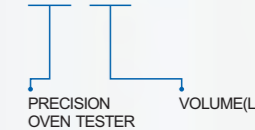
型号 Model	YTST-021	YTST-041
模式 Mode	浸没在液体浴中通过的样品篮的运动 DUT inside the test basket moves to left or right inside the baths	
内箱尺寸 Inner chamber size WxHxD (cm)	30 × 35 × 20 (2pcs)	45 × 35 × 26 (2pcs)
升温时间 Heating time	室温+10℃ ~ 150℃ < 75min RT+10℃ ~ 150℃ < 75 min	
降温时间 Cooling time	室温+10℃ ~ -60℃ < 80min RT+10℃ ~ -60℃ < 80min	
预冷温度范围 Precool temp range	-50℃ ~ 0℃	
预热温度范围 Preheat temp range	+60℃ ~ +150℃	
温度冲击范围 Temp shock range	-55℃ ~ 120℃	
测试时间 Test time	10分钟 10 mins	10分钟 10 mins
转换时间 Temp transfer time	约30秒 About 30s	
解析精度 Resolution	0.01℃	
温度波动度 Temp fluctuation	±2℃	
电源 Power supply	AC 3Ψ380V 60/50Hz	
定制服务 Customization service	非标要求可定制 Non-standard requirements is available	

Precision Hot Air Oven

精密热风烤箱

MODEL NO.MEANING

YPO - XXX



应用领域 Application:

应用于化工，电子通讯，塑料，电缆，电镀，五金，汽车，光电，橡胶制品，模具，喷涂，印刷，医疗，航天及高等院校等行业。

Used for product's drying, curing and high temperature aging test. Mainly be applied in chemical, electronic communication, plastics, cable, electroplating, hardware, automotive, photoelectron, rubber products, molds, painting, printing, medical, aerospace and higher education industries.

特点 Features:

- 数显式控制器或者触摸屏程式控制器
- 热风循环加热方式，温度上升快速，分布均匀
- 温度可定制到500度
- Digital display type controller or touch screen controller
- Hot air circulation heating type ensure rapid temperature rise and uniform distribution
- Temperature can be customized up to 500c

规格表 Specification:

型号 Model	YPO-072	YPO-270	YPO-480	YPO-600	YPO-800	YPO-1000
内箱尺寸 Inner chamber size WxHxD (cm)	40 × 45 × 40	60 × 90 × 50	80 × 100 × 60	100 × 100 × 60	100 × 100 × 80	100 × 100 × 100
外箱尺寸 External chamber size WxHxD (cm)	72 × 116 × 56	92 × 162 × 65	109 × 172 × 75	129 × 172 × 75	129 × 172 × 95	129 × 172 × 115
温度范围 Temperature range	室温+25℃ ~ 200℃ / 300℃ / 400℃ Room temperature +25℃ ~ 200℃ / 300℃ / 400℃					
温度波动度 Temperature fluctuation	±0.5℃					
温度均匀度 Temperature uniformity	±1%℃					
解析精度 Temperature resolution	0.1℃					
升温时间 Heating up time	30分钟 30 minutes					
内箱材质 Internal chamber material	不锈钢材质 Stainless steel					
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled sheet + Powder coating					
隔热材质 Insulation	岩棉 Rockwool					
循环系统 Wind circulation system	离心风机风循环系统 Centrifugal fan air circulation system					
加热系统 Heating system	陶瓷/SUS#不锈钢高速加热器 Ceramic/SUS#stainless steel high speed heater					
控制系统 Control system	按键式数显控制器 Button type digital controller					
附件 Components	控制状态指示灯，隔层架(2个，高度可调) Control status indicator, loading shelf(2 pcs, height adjustable)					
安全装置 Safe device	相序保护，超温，过流，过载 Phase Sequence protection, overtemperature, overcurrent, overload protection					
电源 Power supply	AC 1Ψ 220V 60/50Hz, AC 3Ψ 380V 60/50Hz					
定制服务 Customization service	非标要求可定制 Non-standard requirements is available					

*P.S Any requested site and temperature range (max.1200℃) can be customized



Precision Hot Air Clean Oven

精密无尘烤箱

应用领域 Application:

无尘烤箱是一种提供高温净化环境的特殊洁净设备，箱内空气封闭自循环，经耐高温空气过滤器反复过滤，使干燥箱工作室处于无尘状态。无尘烤箱适用于电子液晶显示、LCD、CMOS、IS、医药、实验室等生产及科研部门。

The clean oven is a special cleaning equipment for high temperature purification environment. It is used for electronic liquid crystal display, LCD, CMOS, IS, medicine, Laboratory research department. Can also be used for drying non-volatile and non-flammable and explosive materials, heat treatment, aging, etc.

特点 Features:

- 数显式控制器或触摸屏程式控制器
- 热风循环加热方式，温度上升快速，分布均匀
- 高效过滤器
- Digital display type controller or touch screen controller
- Hot air circulation heating type ensure rapid temperature rise and a uniform distribution
- High efficiency filter

规格表 Specification:

型号 Model	YCO-072	YCO-270	YCO-480	YCO-600	YCO-800	YCO-1000
内箱尺寸 Inner chamber size WxHxD (cm)	40×45×40	60×90×50	80×100×60	100×100×60	100×100×80	100×100×100
外箱尺寸 External chamber size WxHxD (cm)	55×110×79	75×162×89	94×172×99	115×172×99	115×172×119	115×172×143
温度范围 Temperature range	室温+25℃~200℃ (300℃) Room temperature +25℃~200℃ (300℃)					
温度波动度 Temperature fluctuation	±0.3℃					
温度均匀度 Temperature uniformity	±1%℃					
解析精度 Temperature resolution	0.1℃					
防尘等级 Dustproof class	100级, 1000级, 10000级 Class 100, Class 1000, Class 10000					
升温时间 Heating up time	30分钟 30 minutes					
内箱材质 Internal chamber material	不锈钢材质 Stainless steel					
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled sheet + powder coating					
过滤材质 Filter	HEPA过滤器/中效过滤器/初效过滤器 HEPA Filter/PEPA Filter/MEPA Filter					
隔热材质 Insulation	岩棉 Rockwool					
风循环系统 Wind circulation system	离心风机风循环系统 Centrifugal fan air circulation system					
加热系统 Heating system	陶瓷/SUS#不锈钢高速加热器 Ceramic/SUS#stainless steel high speed heater					
控制系统 Controller	按键式数显控制器 Button type digital display controller					
附件 Other components	控制状态指示灯, 隔层架 (2个, 高度可调) Control status indicator, loading shelf (2 pcs, height is adjustable)					
安全装置 Safety devices	相序保护, 超温, 过流, 过载 Phase protection, overtemperature, overcurrent, overload protection					
电源 Power supply	AC 3Ψ 380V 60/50Hz					
定制服务 Customization service	非标要求可定制 Non-standard requirements is available					

Nitrogen Drying Oven

氮气烤箱

应用领域 Application:

广泛应用于化实验室，实验室，电子通讯，塑料，电缆，电镀，五金，光电，塑胶制品，模具，鞋材，喷涂，印刷，医疗，航天及高等院校等行业。

Widely used in chemical laboratory, electric laboratory, electronic communication, plastic, cable, electroplating, hardware, electricity, plastic products, molding, shoe material, spraying, printing, medical, aerospace and universities and other industries.

特点 Features:

- 控制器: 数显式控制器 或者触摸屏程式控制器
- 热风循环加热方式，30分钟内可达到200℃
- 玻璃棉隔热，外箱温度不超过室温+10℃
- Controller: Digital display controller or Touch screen programmable controller
- Hot air cycle heat up, RT~+200℃/30Mins
- Glass wool insulation, the temperature of the outer chamber shall not exceed room temperature +10℃

规格表 Specification:

型号 Model	YNO-072	YNO-270	YNO-480	YNO-600	YNO-800	YNO-1000
内箱尺寸 Inner chamber size WxHxD (cm)	40×45×40	60×90×50	80×100×60	100×100×60	100×100×80	100×100×100
外箱尺寸 External chamber size WxHxD (cm)	72×116×56	92×162×65	109×172×75	129×172×75	129×172×95	129×172×115
温度范围 Temperature range	室温+25℃~200℃ (300℃) RT+25℃~200℃(300℃)					
温度波动度 Temp.fluctuation	±0.3℃					
温度均匀度 Temp.uniformity	±1%℃					
解析精度 Temp.resolution	0.1℃					
氧气浓度 Oxygen concentration	0-2000 PPM					
升温时间 Heat up time	30分钟 30 minutes					
内箱材质 Internal chamber material	不锈钢材质 Stainless steel					
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled sheet + powder coating					
隔热材质 Insulation	岩棉 Rockwool					
循环系统 Wind circulation system	离心风机风循环系统 Centrifugal fan air circulation system					
加热系统 Heating system	陶瓷/SUS#不锈钢高速加热器 Ceramic/SUS#stainless steel high speed heater					
控制系统 Controlling system	按键式数显控制器 Button type digital display controller					
氮气系统 Nitrogen system	流量计+压差表 (选配氧气分析仪) Flow meter + Pressure meter (oxygen analyser is optional)					
附件 Other components	控制状态指示灯, 隔层架 (2个, 高度可调) Control status indicator, loading shelf (2 pcs, height adjustable)					
安全装置 Safety devies	相序保护, 超温, 过流, 过载 Phase sequence protection, overheat protection, overcurrent protection, overload protection					
电源 Power supply	AC 3Ψ 380V 60/50Hz					
定制服务 Customization	非标要求可定制 Non-standard requirements is available					



Vacuum Oven

真空烤箱

应用领域 Application:

用于产品在真空环境下的干燥和测试。广泛应用于化工、FPC板、光电、电池、电子、医药等行业

It is used to dry product in a vacuum environment. Widely used in chemical industry, FPC board, photoelectricity, battery, electronics, medicine and other industries

特点 Features:

- 控制器: 数显式控制器或者触摸屏可程式控制器
- 内箱用5.0不锈钢
- 玻璃棉隔热, 保温厚度100mm, 外箱温度不超过室温+10度
- 进口真空泵, 能快速实现设定真空值
- Controller: Digital display controller or touch screen programmable controller
- 5.0 stainless steel for inner box
- Glass wool insulation, insulation thickness 100mm, outer box temperature does not exceed room temperature +10 degrees
- Imported vacuum pump for fast set vacuum value



规格表 Specification:

型号 Model	YVO-072	YVO-270	YVO-480	YVO-600	YVO-800	YVO-1000
内箱尺寸 Inner chamber size WxHxD (cm)	40×45×40	60×90×50	80×100×60	100×100×60	100×120×60	100×100×100
外箱尺寸 External chamber size WxHxD (cm)	非标定制 Customized					
温度范围 Temperature range	常温+25℃~200℃ (300℃/400℃) RT+25℃~200℃ (300℃/400℃)					
真空度 Vacuum degree	常压~3KPa (最低5Pa可定制) Normal pressure to 3K Pa (Min 5 Pa can be customized)					
温度波动度 Temp fluctuation	±1℃					
控制精度 Control resolution	0.1℃					
升温时间 Heat-up time	常温+25~200℃<90min RT+25~200℃<90min 常温+25~400℃<120min RT+400℃<120min					
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS#304 Stainless steel					
外箱材质 External chamber material	冷轧板+烤漆 Cold rolled sheet + powder coating					
隔热材质 Insulation	岩棉 Rockwool					
加热系统 Heating system	陶瓷/SUS#不锈钢高速加热器 Ceramic/SUS#stainless steel high speed heater					
控制系统 Control system	按键式、触摸屏式数显控制器 Button type / Touch screen type digital display controller					
真空系统 Vacuum system	真空泵+电磁阀+真空计 Vacuum pump + solenoid valve + vacuum gauge					
电源 Power supply	AC 3Φ 380V 60/50Hz					
定制服务 Customization service	非标要求可定制 Non-standard requirements is available					

Vacuum Nitrogen Drying Oven

真空氮气烤箱

应用领域 Application:

广泛应用于精密电子元件、光刻胶固化、电子陶瓷材料无尘烘干的特殊工艺要求。适用于触摸屏、晶圆、LED、PCB板、ITO玻璃等精密电子、太阳能、新材料等行业。

Widely used in dust-free drying special process requirements of precision electronic components, photoresist curing and electronic ceramic materials. It is suitable for touch screen, wafer, LED, PCB board, ITO glass and other precision electronics, solar energy, new materials and other industries.



规格表 Specification:

型号 Model	YVNO-072	YVNO-270	YVNO-480	YVNO-600	YVNO-800	YVNO-1000
内箱尺寸 Inner chamber size WxHxD (cm)	40×45×40	60×90×50	80×100×60	100×100×60	100×120×60	100×100×100
外箱尺寸 External chamber size WxHxD (cm)	非标定制 Customized					
温度范围 Temperature range	室温+25℃~200℃ / 300℃ / 400℃ RT+25℃~200℃ / 300℃ / 400℃					
真空度 Vacuum range	常压~ -98KPa Atmospheric pressure~-98KPa					
温度波动度 Temp.fluctuation	±1℃					
解析精度 Temp.resolution	0.1℃					
升温时间 Heat up time	30分钟 30 minutes					
内箱材质 Internal chamber material	5.0mm 厚SUS#304 不锈钢板 SUS#304 stainless steel, 5.0mm thickness.					
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled sheet + powder coating					
隔热材质 Insulation	岩棉 Rockwool					
循环系统 Wind circulation system	散热风扇 Cooling fan (可定制)					
加热系统 Heating system	陶瓷/SUS#不锈钢高速加热器 Ceramic/SUS#stainless steel high speed heater					
控制系统 Controlling system	按键数显/触摸屏 Button type / Touch screen type					
真空系统 Vacuum system	真空泵+电磁阀+真空计 Vacuum pump+Solenoid valve+Vacuum gauge					
附件 Other components	控制状态指示灯, 隔层架 (2个, 高度可调) Cable port(dia.50mm), control indicator, loading shelf (2pcs, height adjustable)					
安全装置 Safety devies	过热保护断路器, 控制系统过载保护, 过载指示灯 Overheat protection, control system overload protection, overload indicator.					
电源 Power supply	AC 3Φ 380V 60/50Hz					
定制服务 Customization	非标要求可定制 Non-standard requirements is available					

Auto Fan Fatigue Vacuum Oven

汽车风扇疲劳真空烤箱

应用领域 Application:

主要应用于不同温度不同海拔高度下汽车风扇疲劳测试。

It is mainly used for fatigue testing of automotive fans at different temperatures and altitudes.



规格表 Specification:

型号 Model	非标定制 Customized
内箱尺寸 Inner chamber size WxHxD (cm)	非标定制 Customized
外箱尺寸 External chamber size WxHxD (cm)	非标定制 Customized
温度范围 Temp.range	常温RT~250℃ (Max 400℃)
真空度 Vacuum degree	常压RP~-98KPa
温度波动度 Temp.fluctuation	±0.5℃
控制精度 Resolution	0.1℃
升温时间 Heating time	常温RT~250℃<90min (非线性空载Nonlinear,empty load) 常温RT~400℃<120min (非线性空载Nonlinear,empty load)
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS#304 stainless steel plate
外箱材质 External chamber material	冷轧板+烤漆 Cold rolled sheet+Powder coating
隔热材质 Insulation material	岩棉 Rockwool
循环系统 Circulation system	散热风扇 Cooling fan
加热系统 Heating system	陶瓷/SUS#不锈钢高速加热器 Ceramic/SUS#stainless steel high speed heater
控制系统 Control system	彩色触摸屏, 可编程 Color program touch screen controller
转动系统 Rotation system	耐高温马达转动测试产品 High temperature resistance motor rotates sample
真空系统 Vacuum system	配备真空泵 Equip with vacuum pump
电源 Power supply	AC 3Φ 380V 60/50Hz
定制服务 Customization service	非标要求可定制 Non-standard requirements is available

LCD Aging Chamber

LCD 老化试验箱



应用领域 Application:

适用于电源供应器半导体行业, IC, 晶体管, 二极管, 被动元件, 或是电子产品加温寿命实验, 可提供整套系统集成。

It is applicable for power supply, semiconductor industry, ICs, transistors, diodes, passive components, or electronic product heating aging test. We can provide a complete system integration.

特点 Features:

- 设备采用工控机控制, 一台工控机可控制多台设备, 所有控制参数由计算机设定, 加热段数可自由设定而不受限制
- 温度斜率可在一定范围内设定
- 机台数据以及产品烘烤数据存放于服务器便于调用回看
- 带条形码扫描录入功能以及防错功能
- It is controlled by industrial control computer. One industrial computer can control multiple devices. All control parameters are set by computer
- The temperature slope can be set within a certain range
- Device data and product baking data are stored in the server for easy recall
- With barcode scanning input function and error prevention function

规格表 Specification:

型号 Model	YBRT	
内箱尺寸 Inner chamber size WxHxD (cm)	非标定制 Customized	
外箱尺寸 External chamber size WxHxD (cm)	非标定制 Customized	
温度范围 Temperature range	R.T+25℃ ~ +80℃	
性能 Performance	温度波动度 Temp.fluctuation	±0.3℃
	解析精度 Temp.resolution	±0.1℃
材料 Material	内箱材质 Internal chamber	SUS#304不锈钢板 SUS#304 Stainless steelplate
	外箱材质 Exterior chamber	SUS#304不锈钢/ PVC+粉末涂层 SUS#304 Stainless steel/ PVC+powder coating
	隔热材质 Insulation	聚氨酯泡沫60毫米 Polyurethane foam (60mm)
电源 Power supply	AC 1Φ 220V; 3Φ 380V 60/50Hz	

TO Aging Machine

TO老化箱

应用领域 Application:

适用于光纤行业，主要检测产品通讯故障，可提供整套系统整合。

Optical fiber industry, mainly detect the communication failure of products, can provide the whole system Integration.

特点 Features:

- 设备采用工控机控制，一台工控机可控制多台设备，所有控制参数由计算机设定，加热段数可自由设定而不受限制
- 可在线连载测试数据
- 程序实时的记录每台设备的运行情况，如温度，程序调用，编辑，用户开机，关机，方便用户及时了解各台设备的状况
- Controlled by industrial computer, which can control multiple ovens, all parameters are set by computer, heating segment can freely set
- Online serialized test data
- Program real time records the running condition of each oven, such as temperature, program call, editing, user start up, shutdown, etc



规格表 Specification:

型号 Model	YFO
内箱尺寸 Inner chamber size WxHxD (cm)	非标定制 Customized
外箱尺寸 External chamber size WxHxD (cm)	
温度范围 Temp.range	室温RT+25℃ ~ 200℃ (300℃)
温度波动度 Temp.fluctuation	± 0.3℃
温度均匀度 Temp.uniformity	± 1%℃
解析精度 Resolution	0.1℃
升温时间 Heating time	30min
内箱材质 Internal chamber material	不锈钢材质 Stainless steel
外箱材质 External chamber material	冷轧板+烤漆 Cold rolled sheet+powder coating
隔热材质 Insulation material	岩棉 Rockwool
循环系统 Circulation system	离心风机风循环系统 Centrifugal fan air circulation system
加热系统 Heating system	陶瓷&SUS#不锈钢高速加热器 Ceramic&SUS#stainless steel high speed heater
控制系统 Control system	彩色触屏控制器 Color touch screen controller
软件系统 Control system	软件可实时监视产品电流、电压等 Software can monitor product's current & voltage in real time.
附件 Other components	控制状态指示灯，隔层架（2个，高度可调） Control status indicator light, shelf (2pcs, height is adjustable)
安全装置 Safety device	相序保护，超温保护，过载保护 Phase sequence protection, overtemperature protection, overload protection
电源 Power supply	AC 3Ψ 380V 60/50Hz
定制服务 Customization service	非标要求可定制 Non-standard requirements is available

Central Control Type Aging Oven

中央控制老化箱



应用领域 Application:

化工，电子通讯，塑料，电缆，电镀，五金，汽车，光电，橡胶制品，模具，喷涂，印刷，医疗，航天及高等院校等行业，可电脑控制，能在线连载测试

Widely used in chemical industry, electronic communication, plastic, cable, electroplating, hardware, automobile, photoelectric, rubber products, mold, spraying, printing, medical, aerospace, universities and other industries. Online testing with load is available.

特点 Features:

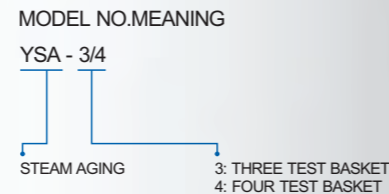
- 设备采用工控机控制，一台工控机可控制多台设备，所有控制参数由计算机设定，加热段数可自由设定而不受限制
- 温度斜率可在一定范围内设定
- 机台数据以及样品烘烤数据存放于服务器便于调用回看
- 带条形码扫描录入功能以及防错功能
- 程序实时的记录每台设备的运行情况，如温度，程序调用，编辑，用户开机，关机
- This oven is controlled by industrial computer, which can control multiple ovens at the same time, all parameters are set by computer, the number of heating segments can be freely set without limitation
- Temperature slope can be set within a certain range
- Test data and sample drying data are stored in the server, easy to call back to see.
- With barcode scanning input function and error prevention function
- Running conditions of each oven can be recorded by program in real time, such as temperature, program call, editing, user start up, shutdown, etc

规格表 Specification:

型号 Model	YZO
内箱尺寸 Inner chamber size WxHxD (cm)	非标定制 Customized
外箱尺寸 External chamber size WxHxD (cm)	非标定制 Customized
温度范围 Temp.range	室温RT+25℃ ~ 200℃ (300℃)
温度波动度 Temp.fluctuation	± 0.3℃
温度均匀度 Temp.uniformity	± 1%℃
解析精度 Resolution	0.1℃
升温时间 Heating time	30min
内箱材质 Internal chamber material	不锈钢材质 Stainless steel
外箱材质 External chamber material	冷轧板+烤漆 Cold rolled sheet+powder coating
隔热材质 Insulation material	岩棉 Rockwool
循环系统 Circulation system	离心风机风循环系统 Centrifugal fan air circulation system
加热系统 Heating system	陶瓷/SUS#不锈钢高速加热器 Ceramic/SUS#stainless steel high speed heater
控制系统 Control system	工控机控制，一台工控机可控制多台烤箱，数据以及产品烘烤数据存放于服务器便于调用回看 Industrial computer control, 1 computer can control multiple ovens. Machine data and product drying data are stored in the server
功能 Function	带条形码扫描录入功能以及防错功能 Barcode scanning input function and error prevention function
附件 Other components	控制状态指示灯，隔层架（2个，高度可调） Control status indicator light, shelf (2pcs, height is adjustable)
安全装置 Safety device	相序保护，超温保护，过载保护 Phase sequence protection, overtemperature protection, overload protection
电源 Power supply	AC 3Ψ 380V 60/50Hz
定制服务 Customization service	非标要求可定制 Non-standard requirements is available

Steam Aging Test Chamber

蒸汽老化试验箱



应用领域 Application:

蒸汽老化试验箱适用于电子连接器、半导体IC、晶体管、二极管、液晶LCD、芯片电阻电容、零组件产业、电子零组件金属接脚沾锡性试验前的老化加速寿命时间试验

The steam aging test chamber is suitable for the accelerated aging test on the soldering metal pins of electronic connector, semiconductor integrated circuit, transistor, diode, liquid crystal LCD, chip resistor and capacitor, component industry and electronic component.

特点 Features:

- 抽屉数量可定制，标准3个和4个
- 全SUS 304不锈钢
- 数显控制器 或者可编程触摸屏可选
- 全自动超温保护及器用水缺水空保护装置
- The number of drawers can be customized, standard 3 and 4
- All SUS 304 stainless steel
- Digital display controller or programmable touch screen optional
- Automatic over-temperature protection and water shortage protection device

规格表 Specification:

型号 Model	YSA-3	YSA-4	YSA-6
测试区尺寸 Test area size W×H×D (cm)	10×5.4×26(3套)	10×5.4×26(4套)	10×5.4×26(6套)
外箱尺寸 External chamber size W×H×D (cm)	53×70.5×54.9	68×70.5×54.9	83×70.5×54.9
温度范围 Temperature range	室温+10℃~98℃ RT +10℃~98℃		
温度波动度 Temperature fluctuation	±0.3℃		
温度解析精度 Temperature resolution	±0.1℃		
升温时间 Heating time	45 min		
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS#304 stainless steel		
外箱材质 Exterior chamber material	SUS#304不锈钢板 SUS#304 stainless steel		
隔热材质 Insulation material	玻璃棉 Fiberglass wool		
加热系统 Heating system	SUS#不锈钢高速加热器 Stainless steel high speed heater		
控制系统 Control System	按键式数显控制器 Button type digital display controller		
安全装置 Safety device	相序保护, 超温保护, 过载保护 Phase sequence protection, over temperature protection, overload protection		
电源 Power supply	AC 1Ψ 220V 60/50Hz		
定制服务 Customization service	非标要求可定制 Non-standard requirements is available		

Ozone Aging Test Chamber

臭氧老化试验箱

应用领域 Application:

模拟和强化大气中的臭氧条件测试橡胶制品非金属材料、有机材料(如: 涂料、油漆、橡胶、塑胶、及其制品)的耐臭氧老化性能和老化龟裂试验。

测试标准: JIS K 6259 ASTM1149 ISO1431
GB/T7762 GB/T13642

It simulates and strengthens the ozone conditions in the atmosphere to test the ozone aging resistance and aging crack test of non-metallic materials and organic materials, such as paints, paints, rubber, plastics, etc.

Test standard: JIS K 6259 ASTM1149 ISO1431 GB/T7762
GB/T13642

特点 Features:

- 0-1000pphm, 0-500ppm 臭氧浓度可调
- 动态或静态样品架可定制
- 进口臭氧浓度分析仪
- Adjustable ozone concentration
- Dynamic or static sample holders can be customized
- Imported ozone concentration analyzer

规格表 Specification:

型号 Model	YOT-080	YOT-150	YOT-1000
内箱尺寸 Inner chamber size W×H×D (cm)	40×50×40	50×60×50	100×100×100
外箱尺寸 External chamber size W×H×D (cm)	60×150×108	60×150×120	120×195×180
温度范围 Temperature range	常温~80℃ RT~80℃		
温度波动度 Temperature fluctuation	±0.5℃		
温度均匀度 Temperature uniformity	±1.5℃;空载,稳定后30min Empty load, 30 mins after stabilization		
解析精度 Resolution	0.01℃		
臭氧浓度 Ozone concentration	20~1000PPHM, 可调 adjustable (可选Optional: 20~500ppm 非标 non-standard)		
臭氧控制精度 Ozone control precision	±10%		
臭氧产生方式 Ozone generation mode	臭氧发生器 Ozonator		
样架 Sample holder	静态动态夹具 Static and Dynamic fixtures		
样架转速 Sample holder rotation speed	1次/min 可调 360° rotation (1 circle/minute)		
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS#304 Stainless steel		
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled plate + Powder coating		
隔热材质 Insulation	PU		
循环系统 Circulation system	散热风扇 Cooling fan		
加热系统 Heating system	SUS#不锈钢高速加热器 SUS# stainless steel high speed heater		
控制系统 Controlling system	数码电子指示器+SSR+PID Digital electronic indicator+SSR+PID		
制冷系统 Refrigeration system	压缩机+翅片式蒸发器+风冷(水冷)冷凝器 compressor+Fin type evaporator+air/water cooling system		
臭氧浓度分析调节仪 Ozone concentration analyzer	进口臭氧浓度分析仪 Imported ozone concentration analyzer		
臭氧发生器 Ozone generator	无声放电式臭氧发生器 Silent discharge ozone generator		
附件 Other components	1. 真空玻璃观察窗 Multi-layer vacuum glass observation window 2. 控制状态指示灯 Controlling status indicator lamp 3. 室内灯 Chamber light		
保护装置 Safety protection device	1. 过热保护 Over-heat protection 2. 相序保护 phase sequence protection 3. 过载保护 overload protection		
电源 Power supply	AC 1Ψ 220V;3Ψ380V 60/50Hz		
定制服务 Customization service	非标要求可定制 Non-standard requirements is available		



Air-Ventilation Aging Test Chamber

换气老化箱

应用领域 Application:

换气式老化试验箱适用于电气绝缘材料的耐热性试验，电子零配件、塑化产品之换气老化试验，考核和判断其在高温环境条件下贮存和使用的适应性，试样在模拟高温和大气压力下的空气中老化后测定其性能并与未老化样的性能予以比较。本产品满足JB/T7444《空气热老化试验箱》，及GB/T3512-2001试验标准要求。



Air-ventilation aging test chamber is suitable for heat resistance test of electrical insulating materials, electronic spare parts, gas aging test of plasticized products, to check its adaptability to storage and operation under high temperature environment conditions, compare the properties after aging in air under simulated high temperature and atmospheric pressure. This product meets JB / T7444 "air heat aging test chamber" and GB / T3512-2001 test standard requirements.

特点 Features:

- 温控保护的智能化程序微电脑控制器，带定时功能，控温精确可靠
- 钢化玻璃视窗，随时清晰的观测箱内状况。
- 配有低转速转盘
- 保温采用超细玻璃纤维保温棉，避免箱体外壳表面温度过高
- Temperature-controlled intelligent program microcomputer controller with timing function, accurate and reliable temperature control
- Tempered glass window for clear observation of the condition of the box at any time.
- Equipped with low speed turntable
- Insulation is made of ultra-fine glass fiber insulation cotton to avoid excessive surface temperature of the casing

规格表 Specification:

型号 Model	YTAT-101	YTAT-216
测试区尺寸 Test area size W×H×D (cm)	45×50×45	60×60×60
外箱尺寸 External chamber size W×H×D (cm)	105×150×60	120×160×75
温度范围 Temperature range	室温RT+25℃~200℃ (300℃)	
温度波动度 Temperature fluctuation	±0.3℃	
温度均匀度 Temperature uniformity	±1%℃	
温度解析精度 Temperature resolution	0.1℃	
升温时间 Heating-up time	30分钟 30min	
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS#304 stainless steel plate	
外箱材质 External chamber material	冷轧板+烤漆 Cold rolled sheet+Powder coating	
隔热材质 Insulation material	岩棉 Rock wool	
风循环系统 Wind circulation	离心风机风循环系统 Centrifugal fan air circulation system	
加热系统 Heating system	SUS#不锈钢高速加热器 SUS# Stainless steel high-speed heater	
控制系统 Controlling system	按键数显控制器 Button digital display controller	
换气量 Air exchange rate	5~200次/h 5~200 times/h	
附件 Other components	控制状态指示灯，转盘/隔层架(可自由调节2个) Control status indicator, turntable / 2 pcs loading shelves(height is adjustable)	
安全装置 Safety protection device	相序保护，超温保护，过载保护 Phase sequence protection, over temperature protection, overload protection	
电源 Power supply	AC 3Ψ380V 60/50Hz	
定制服务 Customization service	非标要求可定制 Non-standard requirements is available	

* Comply with ASTM D2436, JIS K7212, DIN 50011, BS2648, IEC-540

Xenon Lamp Aging Test Chamber

氙灯老化试验箱

应用领域 Application:

用模拟全阳光光谱的氙弧灯来再现不同环境下存在的破坏性光波，可以为科研、产品开发和质量控制提供相应的环境模拟和加速试验。

It uses Xenon arc lamps that simulate the full sunlight spectrum to reproduce destructive light waves in different environments, providing environmental simulation and accelerated testing for scientific research, product development and quality control.



特点 Features:

- 箱内配有多向喷嘴可作淋雨试验。
- 淋雨、点灯、温度、湿度、辐照强度、时间、转盘速度均可单独控制
- 配有黑板温度计调节箱内试验温度
- 多种报警功能
- Equipped with a multi-directional nozzle for rain test
- Rain spray, lighting, temperature, humidity, irradiation intensity, time, turntable speed can be controlled separately
- Equipped with a blackboard thermometer to adjust the test temperature inside the box
- Multiple alarm functions

规格表 Specification:

型号 Model	YXEL-216	YXEL-343	YXEL-512	YXEL-1000
内箱尺寸 Inner chamber size W×H×D (cm)	60×60×60	70×70×70	80×80×80	100×100×100
外箱尺寸 External chamber size W×H×D (cm)	120×170×110	130×180×120	140×190×130	150×200×140
温度范围 Temperature range	RT-70℃			
温度波动度 Temperature fluctuation	±2℃			
湿度范围 Humidity range	80~98%RH、30~98%RH			
降雨时间 Rain duration	0~99.99H可调 0~99.99H(adjustable)			
降雨周期 Rain cycle	0~99H可调 0~99H(adjustable)			
波长 Wave length	290~800nm			
辐射强度 Radiation intensity	1000w/m ² ±200			
辐射计 Radiometer	标配 Standard configuration			
样架与氙灯距离 Distance between sample holder and lamp	300~375mm			
样架转速 Sample holder Rotating speed	1~5 r/min			
内箱材质 Internal chamber material	SUS304不锈钢板 SUS#304			
外箱材质 External chamber material	冷轧板+烤漆 Cold rolled sheet+Powder coating			
循环系统 Cycling system	单循环、离心风机、分流式风道结构 Single cycle, centrifugal fan, split air duct structure			
控制系统 Control system	触摸屏可编程控制器 Touch screen programmable controller			
保护装置 Protection device	超压、漏电、缺相、超温、缺水 Overpressure, leakage, phase loss, over temperature, water shortage			
电源 Power supply (V)	AC 3Ψ380V 60/50Hz			
标准配置 Standard device	灯管1支、湿球纱布1卷、Lamp 1pcs, guaze 1vou			
符合标准 Test standard	GB/T14522-2008、GB16422.2-1999			
定制服务 Customization service	非标要求可定制 Non-standard requirements is available			

UV Aging Chamber

紫外线老化试验箱

应用领域 Application:

紫外线老化试验机适用于油漆油墨、化工、橡塑、涂料、胶粘剂等产品耐候性加速人工老化试验，可模拟自然气候中的紫外、雨淋、高温、高湿、凝露、黑暗等环境条件，通过重现这些条件，合并成一个循环，并让它自动执行完成循环次数。

UV aging test chamber is suitable for accelerated weathering test of paint, ink, chemical, rubber, paint, adhesive, etc. It can simulate environmental conditions such as ultraviolet, rain, high temperature, high humidity, condensation and darkness in natural climate. By recreating these conditions, they are combined into one cycle, and it is automatically executed to complete multiple cycles.



特点 Features:

- 采用黑色铝板连接温度传感器，采用黑板温度仪表控制加热，温度更稳定。辐射计探头采用固定式，无须每次装卸
- 辐射量采用高精度显示和测量的专用紫外线辐射计
- 辐射度不大于50W/m²
- 光照和冷凝可独立控制可以交替循环控制
- 光照和冷凝的独立控制时间和交替循环控制的时间可在一千小时内任意设置
- Black aluminum plate is used to connect the temperature sensor, and the blackboard temperature meter is used to control the heating, and the temperature is more stable. The radiometer probe is fixed and does not require any loading and unloading
- The amount of radiation is measured by a high-precision display and measurement of a dedicated ultraviolet radiation meter
- Irradiance is not more than 50 W/m²
- Illumination and condensation can be independently controlled and alternate cycle control
- The independent control time for illumination and condensation and the time for alternate cycle control can be set arbitrarily within 1000 hours

规格表 Specification:

型号 Model		YUV-080			
测试区尺寸 Test area size W×H×D (cm)		40×50×40			
外箱尺寸 External chamber size W×H×D (cm)		Depends on the chamber design			
标准配置 Standard configuration		标准样品架24副,灯管8支(UVA或UVB) Standard sample holder 24pcs, light tubes 8pcs(UVA/UVB)			
安全保护 Safety Protection		漏电, 短路, 超温, 缺水, 过电流保护 Leakage, short circuit, over temp., water shortage, over current protection			
电源 Power supply		AC 1Φ 220V 60/50Hz			
定制服务 Customization service		非标定制 Customized			
内箱材质 Internal chamber material		SUS#304不锈钢板 SUS#304 stainless steel			
外箱材质 External chamber material		不锈钢板 或 冷轧板+烤漆 Stainless steel or Cold rolled plate+Powder coating			
样品架材质 Sample holder material		SUS#304不锈钢板 SUS#304 stainless steel			
性能 Performance	温度范围 Temp. range	常温+10℃~70℃ (R.T.+10℃~70℃)	系统 System	传感器 Sensor	铂电阻PT100Ω/MV Perkin resistance PT100Ω/MV
	湿度范围 Humid. range	75% RH~95%RH (1~9999mins, adjustable)		时间控制器 Time controller	进口可编程时间电脑集成控制器(金钟默勒) Imported programmable time controller
	降雨时间 Rain time	1~9999分钟, 可调 (1~240mins, interval adjustable)		加热系统 Heating system	全独立系统, 镍铬合金电加热式加热器 Nichrome heater
	降雨周期 Rain period	1~240分钟, 间隔可调 UV-B(280~315nm) 任选 optional		凝露加湿系统 Condensation humidification system	全不锈钢浅表面蒸发式加湿器 Stainless steel humidifier
	荧光灯型号 Light mode	UV-A (295~360nm), 40W(lifetime 1800h)		黑板温度 Blackboard temp	双金属黑板温度计 Metal blackboard thermometer
	UVA/UVB灯功率 UVA/UVB light power	40W寿命1800小时		供水系统 Water supply system	加湿供水采用自动控制 Auto water filling system
	辐照度 Irradiance	1.0W/m ² 可调 adjustable		循环系统 Circulating system	耐温低噪音空调型电机, 多叶式离心风机 Quiet motor, multi-vane centrifugal fan
	标准试件尺寸 Standard specimen size	75x150mm或75x300mm		温度控制器 Temp. controller	进口LED数显PID+SSR微电脑集成器 Imported LED digital display PID+SSR microcomputer integrator
	精度范围 Control accuracy	±0.1℃, ±1%RH			

Dust Proof Test Chamber

防尘试验箱

MODEL NO. MEANING

YSDT - XXXX - F/C

DUST TEST CHAMBER

VOLUME(L)

F: 浮尘试验 Floating Dust Test
C: 流尘试验 Ariel Current Dust Test

应用领域 Application:

防尘试验箱有助于评价装备抵御可能阻塞开口，渗入裂缝，缝隙，轴承和接头的灰尘的影响的能力，也可不因边缘尖锐的大砂粒的磨损影响或阻塞影响而降低性能，效能，可靠性和维修性。用于评价可能暴露于干燥吹砂，扬尘大气或降尘条件中的所有机械，光学，电气，电子，机电和电化学装置。本产品严格按GB/T2423.37-2006试验L:砂尘试验方法、GB7000.1-2007灯具外壳防护、GB12085.6-89等相对应的国家标准技术参数设计制造，模拟尘埃环境试验；

Dust-proof test chambers help to evaluate the ability of the equipment to withstand the effects of dust that may block openings, seep into cracks, gaps, bearings and joints, or reduce performance due to wear or blockage of sharp edges of large sand. It is used to evaluate all mechanical, optical, electrical, electronic, electromechanical and electrochemical devices that may be exposed to dry sandblasting, dusting atmospheres or dusting conditions. The product is designed and manufactured in strict accordance with GB/T2423.37-2006 test L: sand dust test method, GB7000.1-2007 lamp enclosure protection, GB12085.6-89 and other corresponding national standards to simulate dust environment test.



特点 Features:

- 符合IEC 60529, JISD 和 MIL 标准
- 尺寸定制
- Comply with IEC 60529, JISD 0207 and MIL standard
- Size customization

规格表 Specification:

型号 Model	YSDT-512-C	YSDT-1000-C	YSDT-1500-C	YSDT-1728-C
内箱尺寸 Inner chamber size W×H×D (cm)	80×80×80	100×100×100	100×100×150	120×120×120
外箱尺寸 External chamber size W×H×D (cm)	130×170×120	150×190×140	150×190×190	170×210×160
时间设定范围 Time setting range	0~999h可调 0~999h adjustable			
温度设定范围 Temperature setting range	室温+10~50℃ RT+10~50℃			
试验用尘 Test dust	滑石粉 Talcum powder			
粉尘用量 Dust dosage	2~4kg/m ³			
真空度 Vacuum degree	0~10.0KPa, 可调 0~10.0KPa, adjustable			
降尘方式 Dust reduction method	自由喷粉降尘 Free dust falling			
控制器 Controller	可编程触摸屏控制器 Programmable touch screen controller			
真空系统 Vacuum system	配有压力计, 空气过滤, 调压, 连接管, 真空泵 Equipped with pressure gauge, air filtration, pressure regulation, connecting pipe, vacuum pump			
循环风机 Circulation fan	低噪音, 多叶式离心风机 Low noise, multi-blade centrifugal fan			
保护装置 Protective device	漏电保护, 短路保护 Leakage protection, short circuit protection			
粉尘加热系统 Dust heating system	不锈钢加热管 Stainless steel heating tube			
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS#304 stainless steel plate			
外箱材质 External chamber material	冷轧板+烤漆 Cold rolled sheet+Powder coating			
附件 Other components	雨刮器, 脚轮调节器 Wiper, caster adjuster			
电源 Power supply	AC 1Φ 220V; 3Φ 380V 60/50Hz			
定制服务 Customization service	非标要求可定制 Non-standard requirements is available			

*Comply with IEC-60529, JIS and MIL standard

Water Proof Test Chamber

防水试验箱

应用领域 Application:

以外壳防护等级为依据,模拟户外淋雨的气候环境,对产品的防水性能进行测试,判断是否达到相应的防护等级,供产品的设计,研发和出厂检测使用,主要用在电工电子产品,LED灯产品,灯具,电柜,通讯,数码器材,交通工具等产品。

based on protection grade, simulates the outdoor raining climate to do the water proof performance test, determine the products reach the corresponding protection grade or not, so that product design, research and development and factory inspection. It is mainly for electrical and electronic products, LED lighting products, lamps and lanterns, electrical cabinet, communication, digital equipment and vehicles.



特点 Features:

- 样品可通电测试
- 一台机可完成IPX1-IPX6测试
- 水可以循环使用
- Sample power on test
- IPX1-IPX6 tests can be performed in one chamber
- Water can be recycled

规格表 Specification:

型号 Model	YSRT-512	YSRT-1000	YSRT-1728
测试区尺寸 Test area size W×H×D (cm)	80×80×80	100×100×100	120×120×120
外箱尺寸 External chamber size W×H×D (cm)	125×180×340	145×200×360	165×220×380
滴水板面积 Rain drop area (IPX1-IPX2)	60×60cm	60×60cm, 80×80cm	80×80cm, 100×100cm
摆管半径 Swing pipe radius (IPX3-IPX4)	30cm	40cm	50cm
转台直径承重 Rotary table diameter&load	50cm, 50KG	60cm, 50KG	80cm, 50KG
喷枪直径和喷射距离 (IPX5-IPX6) Spray nozzle diameter & jet distance	6.3mm(IPX5), 12.5mm(IPX6); 2.5-3m		
水流量 (IPX5-IPX6) Water flow	1-1.5mm/min(IPX1), 3-3.5mm/min(IPX2); 1.1L/min(IPX3), 1.8L/min(IPX4); 12.5L±0.625L/min(IPX5), 100±5L/min(IPX6)		
转台转速 Rotating speed of rotary table	1-5r/min, 可调 Adjustable		
内箱材质 Internal chamber material	SUS#304不锈钢 SUS#304 stainless steel plate		
外箱材质 External chamber material	不锈钢板或冷轧板+烤漆 Stainless steel or Cold rolled plate+Powder coating		
附件 Other components	室内灯, 雨刮器, 脚轮调节器 Indoor light, wiper, caster adjuster		
电源 Power supply	AC 3Ψ 380V 60/50Hz		
定制服务 Customization service	非标要求可定制 Non-standard requirements is available		

*Comply with IEC-60529, JISD 0203

Salt Spray Test Chamber

盐雾试验箱

应用领域 Application:

盐雾腐蚀试验箱通过考核对材料及其防护层的盐雾腐蚀的能力,以及相似防护层的工艺质量比较,同时可考核某些产品抗盐雾腐蚀的能力;该产品适用于零部件、电子元件、金属材料的防护层以及工业产品的盐雾腐蚀试验。

The salt spray corrosion test chamber can evaluate the salt spray corrosion resistance of the material and its protective layer, and the process quality of similar protective layers. It can evaluate the resistance of some products to salt spray corrosion. The product is suitable for testing parts, electronic components, protective layers of metal materials and industrial products.



特点 Features:

- PVC 材质, 抗腐蚀
- 按键和可程式触摸屏控制器可选
- 可同时做温湿度测试
- 可定制步入式盐雾
- PVC material, corrosion resistant
- Button and programmable touch screen controller optional
- Can do temperature and humidity test at the same time
- Customizable walk-in salt spray

规格表 Specification:

型号 Model	YSST-108	YSST-270	YSST-480	YSST-600	YSST-800	YSST-1200
内箱尺寸 Inner chamber size WxHxD (cm)	60×40×45	90×50×60	120×50×80	120×50×100	160×50×100	200×60×100
外箱尺寸 External chamber size WxHxD (cm)	110×120×60	141×120×90	185×120×105	185×120×125	235×130×125	265×140×125
温度范围 Temperature range	箱内温度 Inside chamber Temperature	室温~50℃, ±0.5℃ RT~50℃, ±0.5℃				
	空气饱和桶 Air saturated bucket	室温~63℃, ±0.5℃ RT~63℃, ±0.5℃				
	温度 Temperature	室温~50℃, ±0.5℃ RT~50℃, ±0.5℃				
饱和桶空气压力 Saturated barrel air pressure (kg/m)	0.8~2.0					
落雾量 Falling fog amount (ml/80cm/hr)	0.5~3.0					
PH	盐酸酸碱性 Brine PH	6.5~7.2				
	醋酸铜酸碱性 PH value of Copper acetate	3.0~3.2				
材质 Material	内箱 Internal chamber	PP				
	外箱 External chamber	PP				
系统 System	喷雾系统 Spray system	空气酸(碱)液体 Air acid(base) liquid				
	加热系统 Heating system	SUS#不锈钢高速加热器 SUS#304 Stainless steel high-speed heater				
	控制系统 Control System	按键式数显控制器+计时器+SSR+PID Push-button digital display controller + timer + SSR + PID				
附件 Other components	比重计, 盐度计, 雾收集器, 玻璃条 Hydrometer, salinity meter, mist collector, glass strip					
安全装置 Safety devices	过热保护断路器, 脱水和过热防范机制, 过载指示灯 Overheat protection circuit breaker, dehydration and overheat prevention mechanism, overload indicator					
电源 Power supply	AC 1Ψ 220V 50/60Hz					
定制服务 Customization service	非标要求可定制 Non-standard requirements is available					

*Comply with ASTM B-117, B-287, JIS D-0205, H-8681, Z-2371, K-5400.....

Electromagnetic High Frequency Vibration Testing Table

电磁式高频振动台

应用领域 Application:

模拟产品在运输、安装及使用环境下所遭遇到的各种振动环境影响，用来确定产品是否能承受各种环境振动的能力。广泛适用于国防、军工、航空、船舶、光电、仪器仪表、电子、汽车、家电、研究院、检测机构等行业。

It simulates the various vibrational effects encountered by the product in transportation, installation, and use environments to determine whether the product can withstand various environmental vibrations. It is widely used in defense, military, aviation, shipbuilding, optoelectronics, instrumentation, electronics, automobiles, research institutes, testing institutions and other industries.

Test standard:

ISO、UL、GB、EN、DIN、JIS、CNS、CE、IEC、BS,etc.

特点 Features:

- 机台底座采用优质材料，安装方便，运行平稳
- The base of the machine is made of high-quality materials, easy to install and run smoothly
- 有调频、扫频、可程式、调幅、时间控制等多项功能
- There are many functions such as frequency modulation, frequency sweeping, programmable, amplitude modulation, time control, etc
- 抗磁及抗干扰能力强;具有安全可靠的保护功能
- Strong anti-magnetic and anti-interference ability; safe and reliable protection

规格表 Specification:

型号 Model	YEY-300	YEY-600	YEY-1000	YEY-2000	YEY-3000
额定激振力 Rate sine force (N)	2940N	5880N	9800N	19600N	29400N
额定频率范围 Rated frequency rage (Hz)	5Hz~4000Hz	5Hz~3000Hz	5Hz~3000Hz	5Hz~3000Hz	5Hz~2500Hz
额定加速度空载 Rated acceleration Empty load (m/s ²)	980m/s ² (100g)	980m/s ² (100g)	1175m/s ² (120g)	980m/s ² (100g)	980m/s ² (100g)
额定速度 Rated speed (m/s)	1.8m/s	1.8m/s	2.0m/s	2.0m/s	1.5 m/s
额定位移 Rated replacement (mmp-p)	25mm(p-p)	25mm(p-p)	50mm(p-p)	51mm(p-p)	51mm(p-p)
最大载荷 Max.testing load (kg)	120kg	200kg	120kg	300kg	500kg
功率放大器 Power amplifier	KA-3	KA-5	KA-12	KA-15	KA-30
最大输出功率 Max.output (kVA)	3kVA	5kVA	12kVA	20kVA	30kVA
运动部件有效质量(垂直台) Weight of moving part for vertical table (kg)	2.7kg	5.5kg	8.4kg	18kg	25kg
消耗功率 Consumption power (kVA)	4kVA	9.7kVA	20kVA	30kVA	40kVA
信噪比 Signal-to-noise ratio	≥65dB				
输入信号电压 Input signal voltage	≤1.5rms				
输入阻抗 Input resistance	≥15VkΩ				
冷却方式 Cooling way	冷风 Air cooling				
连续工作时间 Continuous working time	8h				
工作环境 Operation environment	温度: 0~40℃ ; 湿度: ≤90%RH (25℃) Temperature: 0~40℃ ; Humidity: ≤90%RH (25℃)				
电源Power supply	AC 3 phases 50Hz 380V ± 10%				
保护功能 Protective function	电网过压保护 Grid overvoltage protection、模块过热保护 Module overheat protection				
	系统故障保护 System fault protection、电网欠压保护 Grid undervoltage protection				
	输出过电流保护 Output overcurrent protection、外接保护 External protection、过位移保护 Overdisplacement protection				
	输出过电压保护 Output overvoltage protection、零信号保护(复位) Zero signal protection (reset)				
	台体过热保护 Substrate overheat protection、模块过电流保护 Module overcurrent protection				
	漏电保护 Leakage protectio				



Drop Testing Machine 跌落试验机

应用领域 Application:

主要用来模拟产品在搬运期间可能受到的自由跌落，考察产品抗意外冲击的能力。是一种专用于测试产品包装受到坠落之受损情况，及评估运输搬运过程时耐冲击强度的机器

It is mainly used to simulate the free fall impact of products during transportation and handling, and to examine the ability of products to resist accidental impact. Drop testing machine is a machine designed to test the damage of the product package from falling and to evaluate the impact strength during transportation and handling.

特点 Features:

本机可对包装件的面、角、棱作自由跌落试验，配备数显高度显示器及采用译码器进行高度跟踪，从而能精确地给出产品跌落高度，与预设跌落高度误差不得超过2%或10mm。本机采用单臂双柱结构，具有电动复位、电控跌落及电动升降装置，使用方便。独有的液压缓冲装置大大的提高了机器使用寿命、平稳性及安全性。单臂设置，可方便地放置产品，跌落角度冲击面与底板平面角度误差小于等于5。

This machine can test the surface, angle and edge of the package freely. It is equipped with a digital display height indicator and a decoder for high tracking. Therefore, the product can be accurately dropped and the error with the preset drop height is not exceede 2% or 10mm. This machine adopts single-arm and double-column structure, with electric reset, electric control drop and electric lifting device, which is convenient to use. Its unique hydraulic buffering device greatly improves the service life, stability and safety of the machine. The single arm setting makes it easy to place the product. The angle error between the impact angle impact surface and the bottom plate plane is less than or equal to 5.

规格表 Specification:

型号 Model	YDT-150A	YDT-200A	YDT-150B	YDT-200B
类型 Type	单臂支撑试样 Single arm lifting			
测试高度 Test Height	30~150cm	30~200cm	300~150cm	300~200cm
试件最大尺寸 Max. size of specimen	100x100x80cm			
试件最大重量 Max. weight of specimen	85kg			
外形重量 Overall weight (approx.)	约480kg	约550kg	约480kg	约550kg
外形尺寸 Overall size	150x100x225cm			
冲击面板尺寸 Baseplate size	150x100x2cm			
控制方式 Control mode	电子控制箱 Electronic control box			
高度显示器 Height indicator	LCD显示屏显示跌落高度 LCD display shows drop height			
高度调整 Height adjustment	伺服电机精确控制导 Servo motor precision control			
缓冲类型 Buffer type	油压吸收 Oil pressure absorption			
电源 Power supply	AC 1Ψ 220V60/50Hz			



Customized Design

非标尺寸定制

气候模拟测试系列 Climate Simulation Test Series



锂电池防爆恒温恒湿箱
Battery explosion proof climate chamber



步入式快速温变试验箱
Walk in type rapid rate temperature chamber



数据采集恒温恒湿箱
Climate chamber with data collection system



防爆高低温试验箱
Explosion proof high low temperature chamber



液体循环试验机
Ocean & sweat tester Pool & tap tester



线性20℃快速温变试验箱
Temperature cycle chamber with linear 20C/min rate

气候模拟测试系列 Climate Simulation Test Series



IPX3 IPX4 花洒防水实验装置
IPX3,4 water spray test device



IPX6K防水
IPX6K water test chamber



IPX56转盘倾斜45° 防水试验箱
IPX5,6 water test chamber with adjustable inclined turntable



IPX7浸水装置
IPX7 water immersion test device



IPX8浸水测试
IPX8 water immersion test



步入式防尘试验箱
Device Walk in dust test chamber



紫外盐雾试验箱
UV and salt spray combined test chamber



步入式盐雾试验箱
Walk in salt spray chamber

Customized Design

非标尺寸定制

高温干燥/老化系列 High Temperature Drying / Aging Series



氮气烤箱带扫码系统
Nitrogen oven with code scan system



双层氮气烤箱带数据采集
Double layers nitrogen oven with data collection system



可监控风扇老化箱
Fan aging oven with monitoring system



抽屉式自动化烤箱
Drawer type automatic drying oven



高温老化箱带采集系统
High temperature aging oven with data collection system



风扇老化箱带监控系统
Fan aging oven with monitoring system

高温干燥/老化系列 High Temperature Drying / Aging Series



桌上型烤箱
Desktop industrial oven



强抽风烤箱
Hot air oven with blower



四门氮气烤箱
4 cabinet type nitrogen oven



双箱独立控制氮气烤箱
2 cabinet oven with independent control system



台车烤箱
Drying oven with cart



卷闸门烤箱
Shutter door type drying oven