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YUANYAO FOR HOT & COLD

目录

Contents

公司信息 Company Information

公司简介 Company Profile	01
企业理念 Company Philosophy	03
发展历程 Development History	05
证书 Certification	07
合作客户 Cooperated customer	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	09-10
三层式恒温恒湿试验箱 3 Layers Temperature Humidity Chamber	11
药品稳定性试验箱 Drug Stability Chamber	12
快速温变试验箱 Rapid Rate Temperature Chamber	13
液体式冷热冲击试验箱 Liquid Type Thermal Shock Chamber	14
两箱冷热冲击试验箱 2 Zones Thermal Shock Chamber	15-16
三箱冷热冲击试验箱 3 Zones Thermal Shock Chamber	17-18
大型环境试验箱 Walk In Climate Chamber	19-20
低气压试验箱 Low Pressure Chamber	21
复合式环境试验箱 Climate And Vibration Combined Test Chamber	22
冷热水冲击试验箱 Cold And Hot Water Test Chamber	23
寿命试验机 Life Test Machine	23

耐气候老化系列 Weathering Resistance Test Series

防尘试验箱 Dust Proof Test Chamber	24
防水试验箱 Water Proof Test Chamber	25
蒸汽老化试验箱 Steam Aging Test Chamber	26
换气老化试验箱 Air Ventilation Aging Test Chamber	27
UV老化试验箱 UV Aging Test Chamber	28
氙灯老化试验箱 Xenon Aging Test Chamber	29
臭氧老化试验箱 Ozone Aging Test Chamber	30
盐雾试验箱 Salt Spray Test Chamber	31
PCT老化试验箱 PCT Aging Test Chamber	32

可靠性老化系列 Reliability Aging Series

摇摆试验机 Swing Tester	33
老化试验机 Aging Tester	34

高温烤箱系列 High Temperature Oven Series

精密热风烤箱 Precision Hot Air Oven	35
精密无尘烤箱 Precision Clean Oven	36
氮气烤箱 Nitrogen Oven	37
真空烤箱 Vacuum Oven	38
真空氮气烤箱 Vacuum Nitrogen Oven	39

机械测试系列 Mechanical Test Series

电磁式高频振动台 Electrodynamic High Frequency Vibration Table	40
液压垂直冲击台 Hydraulic Vertical Impact Table	41
模拟运输振动台 Simulated Transport Vibration Table	42
低频振动台 Low Frequency Vibration Table	43
跌落试验机 Drop Testing Machine	44
拉力机 Tensile Testing Machine	45

非标定制系列 Customized Series

气候模拟测试系列 Climate Simulation Test Series	46-47
高温干燥 / 老化系列 High Temperature Drying / Aging Series	48



公司简介

Company Profile



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. has sold and manufactured environmental test equipment in Dongguan China since 2009. To meet the customers' requirements, Yuanyao has sales & services around the world. We are committed to provide more products series and faster after-sales services. Our products are widely used by Fortune 500 companies which service electronics, electric appliances, new energy vehicles, communications, chemicals, optical fibers, military equipment, camera drones, etc.

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 13000m² 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!

企业理念

Corporate Philosophy



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.

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

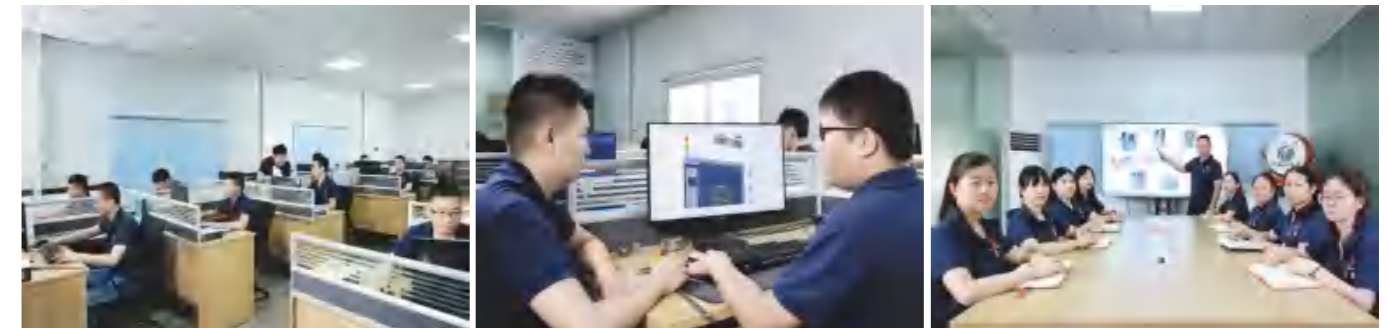
优质：打造一支精干高效的优秀团队，创优质精品，树企业品牌，让用户满意，确保高质量的经营业绩

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

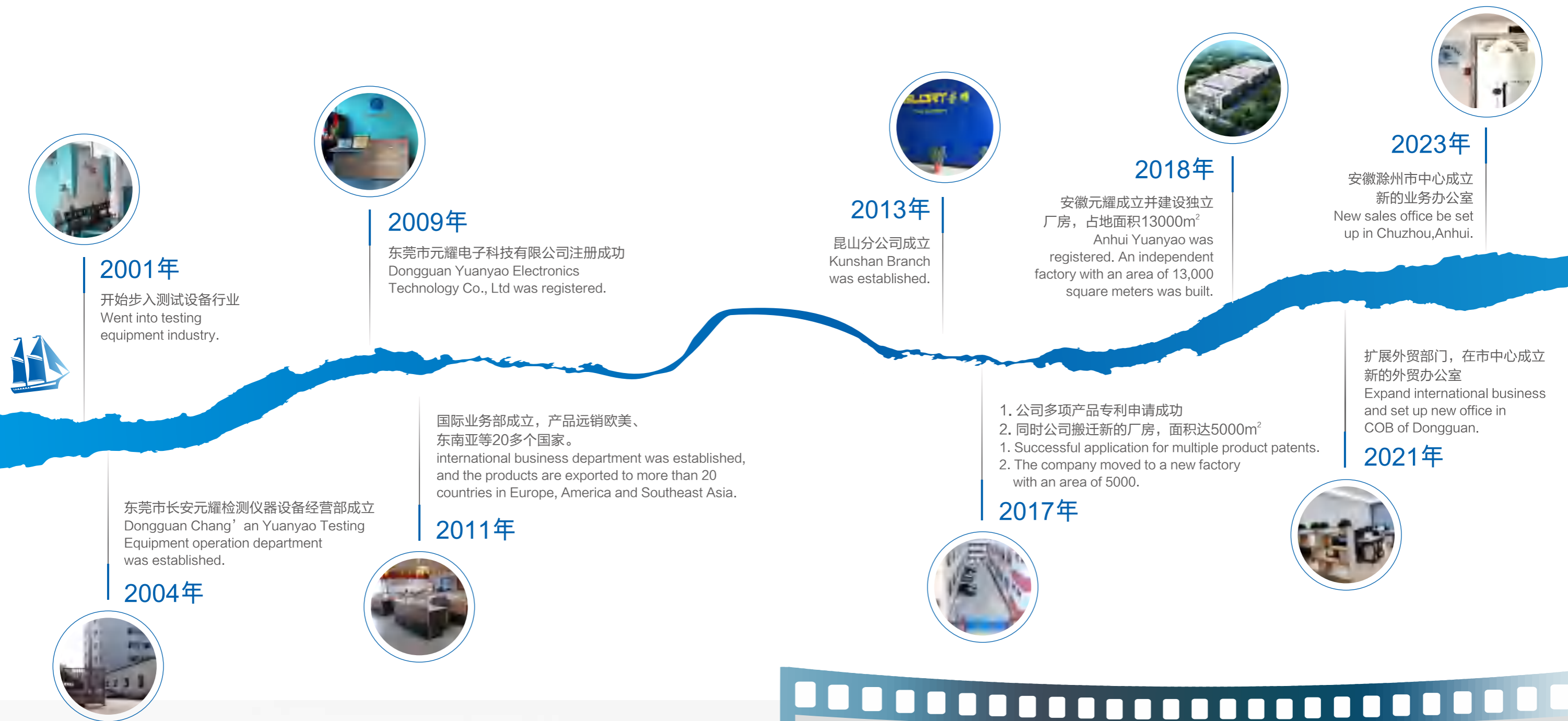
快乐：快乐生活 快乐工作

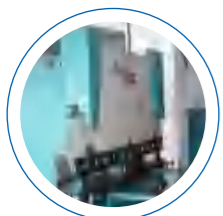
感恩：以感恩的心面对世界 以包容的心和谐自他，以分享的心回报大众 以结缘的心成就事业



发展历程


Development History






2001年


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





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.

2004年




2009年

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


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

2011年



2013年

昆山分公司成立
Kunshan Branch was established.




2017年

1. 公司多项产品专利申请成功
2. 同时公司搬迁新的厂房，面积达5000m²

1. Successful application for multiple product patents.
2. The company moved to a new factory with an area of 5000.

2018年

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



2021年

扩展外贸部门，在市中心成立新的外贸办公室
Expand international business and set up new office in COB of Dongguan.

2023年

安徽滁州市中心成立新的业务办公室
New sales office be set up in Chuzhou, Anhui.

我们一直在进步

We Always Keep Improvement



证书

Certification

合作客户

Cooperated Customer



高新企业证书
High-tech enterprise certificate



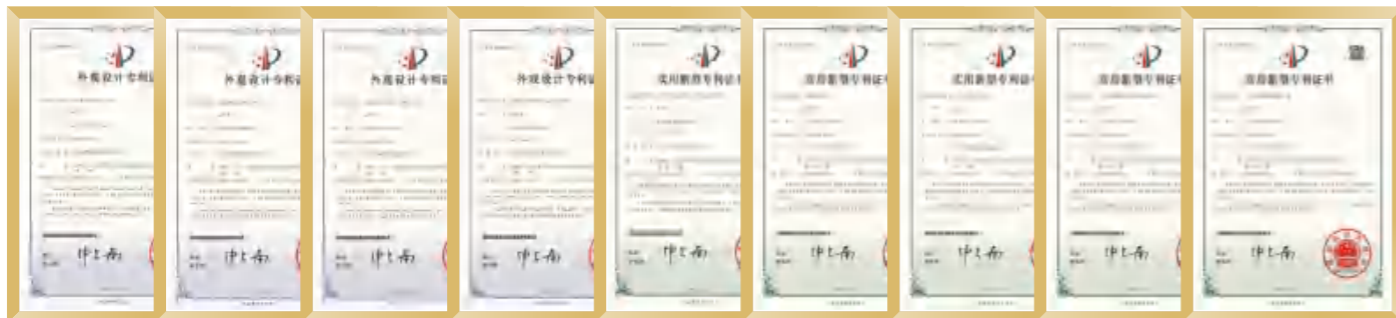
ISO9001认证
ISO certification



商标注册证书
Certificate of trademark registration



CE 认证
CE certification

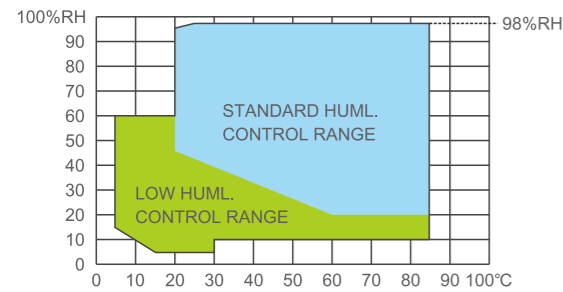


新型专利证书
Patent certification



恒温恒湿试验箱

Temperature Humidity Chamber



温湿度对比图 Temperature and humidity comparison chart



◆ 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、3D打印、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, 3D printing, 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；
- 通讯接口；
- 远程遥控（选配）。
- Touch screen controller, different languages interface;
- Automatic water filling(optional);
- Access to PC remote control and monitoring;
- Customization services;
- Independent water and electricity system;
- Communication interface;
- Remote control (optional).

◆ 规格表 Specification

型号 Model	YTH-027	YTH-056	YTH-080	YTH-150	YTH-225	YTH-408	YTH-800	YTH-1000
内尺寸W×H×D Inner size W×H×D (cm)	30×30×30	35×40×40	40×50×40	50×60×50	60×75×50	80×85×60	100×100×80	100×100×100
外尺寸W×H×D External size W×H×D (cm)	46×85×85	55×135×116	60×145×116	70×155×126	80×165×126	100×175×136	120×190×156	120×190×176
温度范围 Temp range	-80℃/-70℃/-60℃/-40℃/-20℃/0℃~+150℃，其他温度可定做 Other temperature can be customized							
湿度范围 Humidity range	20%RH~98%RH (低湿10%RH~98%RH or 5%RH~98%RH 可非标定制.) (low humidity 10%RH~98%RH or 5%RH~98%RH can be customized.)							
温湿度波动度 Temp.humi.fluctuation	±0.3℃; ±0.5%RH							
温湿度均匀度 Temp.humi.uniformity	±2℃, ±3%RH (空载, 温度到达后稳定30分钟 Empty loading test after stabilize for 30 mins)							
解析精度 Temp.humi.resolution	0.01℃; 0.1%RH							
升降速率 Heating&cooling rate	升温: 平均3℃/min; 降温: 平均1℃/min Heating:3℃/min (average), cooling:1℃/min(average)							
内箱材质 Inner material	SUS#304不锈钢板 SUS#304 Stainless steel							
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process							
控制系统 Control system	触摸液晶显示屏 Touch screen controller							
电源 Power supply	AC 1Ψ 220V; 3Ψ 380V 60/50Hz							
定制服务 Customization service	非标特殊要求, 可定制 Customized requirement is available							

三层式恒温恒湿试验箱

3 Layers Temperature Humidity Chamber

◆ 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、3D打印、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, 3D printing, aerospace and other industries.

◆ 特点 Features

- 每个箱体均独立控制；
- 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；
- 通讯接口；
- 远程遥控（选配）。
- Each cabinet can be controlled independently；
- Touch screen controller, different languages interface；
- Automatic water filling(optional)；
- Access to PC remote control and monitoring；
- Customization services；
- Independent water and electricity system；
- Communication interface；
- Remote control (optional).

◆ 规格表 Specification

型号 Model	YTHG-072	YTHG-125	YTHG-162
内尺寸 Inner size W×H×D (cm)	45×40×40	50×50×50	60×45×60
外尺寸 External size W×H×D (cm)	120×171×85	125×201×95	135×186×105
温度范围 Temp range	-80℃, -70℃, -60℃, -40℃, -20℃, 0℃~150℃, 其他温度可定做 Other temperature can be customized		
湿度范围 Humidity range	20%RH~98%RH(低湿10%RH~98%RH或5%RH~98%RH可非标定制.) (low humidity 10%RH~98%RH or 5%RH~98%RH can be customized.)		
温湿度波动度 Temp.humi.fluctuation	±0.3℃; ±0.5%RH		
温湿度均匀度 Temp.humi.uniformity	±2℃; ±3%RH (空载, 温度到达后稳定30分钟 Empty loading after stabilize for 30 mins)		
解析精度 Temp.humi.resolution	0.01℃; 0.1%RH		
升降速率 Heating&cooling rate	升温: 平均3℃/min; 降温: 平均1℃/min Heating:3℃/min(average),cooling:1℃/min(average)		
内箱材质 Inner material	SUS#304不锈钢板 SUS#304 Stainless steel		
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process		
电源 Power supply	AC 1Ψ 220V; 3Ψ 380V 60/50Hz		
定制服务 Customization service	非标特殊要求, 可定制 Customized requirement is available		

药品稳定性试验箱

Drug Stability Test Chamber

◆ 应用领域 Application

药品稳定性试验箱用于制药业、医学、生物技术行业和所有包括生命科学的相关工业的潜心研究。GMP原则的要求 25℃/60%RH湿度长期稳定性试验条件。在加速试验中40℃/75%RH湿度考查6个月标准，是制药行业的稳定性试验系统领域，主要模拟环境气候中温度、湿度、光照试验。

Suitable for intensive research in pharmaceutical, medical, biotechnology and all related industries including life sciences. The GMP principle requires long-term stability test conditions of 25℃/60%RH. Criteria for 6 months at 40℃/75%RH in accelerated tests, is the stability test system field of the pharmaceutical industry. Mainly simulate the environment of temperature, humidity, light test.

◆ 特点 Features

- 药品稳定性试验箱内室材料使用SUS304不锈钢板，具有耐酸、耐腐蚀易清洗特点；
- 样品架可根据需要调节上下的位置；
- 采用优质的门封条和保温材料令整机性能更优越；
- 合理的风道循环系统，使得箱体内温湿度达到高均匀性；
- 药品稳定性试验箱供水系统：采用自动补水功能。
- SUS 304 stainless steel of interior material, with acid-resistant, corrosion-resistant and easy to clean;
- Sample rack can be adjusted with need;
- Adopt high quality door's sealing and insulation materials. And make the whole machine with better performance;
- Reasonable air duct circulation system to ensure high uniformity on temperature & humidity;
- Water supply system: automatic water refill system.

◆ 规格表 Specification :

型号 Model	YSTC-080	YSTC-150	YSTC-225	YSTC-408	YSTC-800	YSTC-1000
内尺寸 Inner size W×H×D (cm)	40×50×40	50×60×50	50×75×50	80×85×60	100×100×80	100×100×100
外尺寸 External size W×H×D (cm)	非标尺寸订制 Depends on special requirements					
温度范围 Temp range	0℃~65℃					
湿度范围 Humidity range	20%RH~95%RH					
温湿度波动度 Temp humidity fluctuation	±0.5℃; ±3.0%RH					
温湿度均匀度 Temp humidity uniformity	±2.0℃; ±3.0%RH					
升降温时间 Heating&cooling rate	升温: 平均3℃/min; 降温: 平均1℃/min Heating:3℃/min(average),cooling:1℃/min(average)					
光照强度 Light intensity	500-8000LUX (选配) 500-8000LUX (optional)					
光照度误差 Illuminance error	500LUX					
紫外辐照度 UV irradiance	0.8- 5w/m² (选配) 0.8- 5w/m² (optional)					
紫外光谱范围 UV spectral range	320 - 400nm					
内箱材质 Inner material	SUS#304不锈钢板 SUS#304 Stainless steel					
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process					
控制系统 Control system	触摸液晶显示屏 Touch screen controller					
电源 Power supply	AC 1Ψ 220V; 3Ψ 380V 60/50Hz					
定制服务 Customization service	非标特殊要求, 可定制 Customized requirement is available					



快速温变试验箱

Rapid Rate Temperature Chamber

◆ 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；
- 可带湿度测试功能；
- 可支持电脑操作和实时监控；
- 非标定制服务；
- 通讯接口；
- 远程遥控（选配）。
- Touch screen controller, different languages interface;
- Various ramp rate is available;
- Humidity test is also available;
- Access to PC remote control and monitoring;
- Customization services;
- Communication interface;
- Remote control (optional).

◆ 规格表 Specification

型号 Model	YICT-080	YICT-150	YICT-225	YICT-408	YICT-800	YICT-1000
内尺寸 Inner size W×H×D (cm)	40×50×40	50×60×50	60×75×50	80×85×60	100×100×80	100×100×100
外尺寸 External size W×H×D (cm)	非标尺寸订制 Depends on special requirements					
温度范围 Temp range	-70℃~150℃(KS); -40℃~150℃(KL); -20℃~150℃(KR)					
快速温变范围 Rapid-rate temperature range	-55℃~+85℃; -40℃~+80℃; -20℃~+80℃; 0℃~+80℃					
升降速率 Heating & cooling rate	3℃/min, 5℃/min, 8℃/min, 10℃/min, 15℃/min, 25℃/min (线性或非线性) 可接受非标定制 (linear or non-linear), customization is available					
温度波动度 Temp. fluctuation	±0.3℃					
温湿度均匀度 Temp. uniformity	±1.5℃ (空载, 温度到达后稳定30分钟) ±1.5℃ (empty loading after stabilize for 30 mins)					
解析精度 Temp. resolution	0.01℃					
内箱材质 Inner material	SUS#304不锈钢板 SUS#304 Stainless steel					
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process					
控制系统 Controlling system	触摸液晶显示屏 Touch screen controller					
电源 Power supply	AC 3Φ380V 60/50Hz					
定制服务 Customization service	非标特殊要求, 可定制 Customized requirement is available					



电路系统
Electric system



压缩机
Compressor

液体冷热冲击试验箱

Liquid Type Thermal Shock Chamber

◆ 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

- 程式LCD触摸屏温度控制器；
- 箱体密封设计减少导热油消耗；
- 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。
- Programmable LCD touch screen controller;
- Cabinet seal design reduces oil consumption;
- The structure is divided into a high temperature liquid tank, a low temperature liquid tank and a hanging basket.

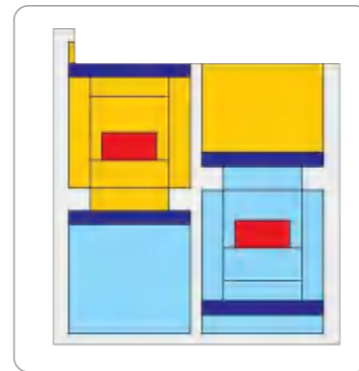
◆ 规格表 Specification

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	
吊篮尺寸 Basket size W×H×D (cm)	30×35×20	45×35×26
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	-60℃~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	
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 3Φ380V 60/50Hz	
定制服务 Customization service	非标特殊要求, 可定制 Customized requirement is available	



两箱冷热冲击试验箱

2 Zones Thermal Shock Chamber



◆ 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

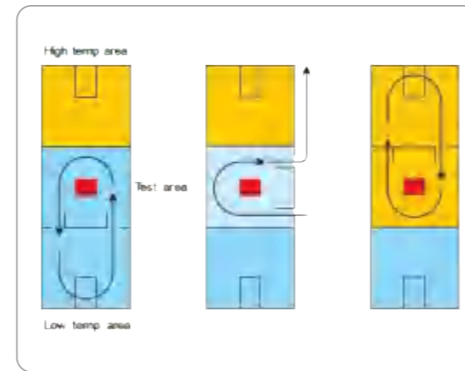
- 可编程LCD触摸屏温度控制器；
- 两厢气体式冷热冲击试验箱结构分为高温区，低温区和吊篮；
- 风冷/水冷可选；
- 15秒内可达到高低温转换，温度恢复时间3-5分钟。
- Programmable LCD touch screen temperature controller, support multiple languages;
- Divided in high temperature zone, low temperature zone, and a basket;
- Water or air cooling;
- High & low temperature transfer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

◆ 规格表 Specification :

型号 Model	YTST-050	YTST-080	YTST-108	YTST-150	YTST-216	YTST-252
吊篮尺寸 Test zone size W×H×D (cm)	40×35×36	50×40×40	60×40×45	50×60×50	60×60×60	60×70×60
外尺寸 External size W×H×D (cm)	120×170×206	130×180×210	140×180×215	130×200×230	140×220×230	140×240×230
预热温度范围 Hot zone temp. range	+60℃ ~ +200℃					
预冷温度范围 Cold zone temp. range	-10℃ ~ -40℃, -10℃ ~ -60℃, -10℃ ~ -70℃					
冲击温度范围 Test temp. range	-40℃ ~ +150℃, -55℃ ~ +150℃, -60℃ ~ +150℃					
温度均匀度 Temp. uniformity	±2℃ (空载, 温度到达后稳定30分钟) ±2℃(empty loading after stabilize for 30 mins)					
温度恢复时间 Temp. recovery time	≤5min					
吊篮移动时间 Specimen transfer time	15秒内 within 15 seconds					
内箱材质 Inner material	SUS#304不锈钢板 SUS#304 Stainless steel					
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process					
控制器 Controller	触摸液晶显示屏 Touch screen controller					
电源 Power supply	AC 3Ψ 380V 60/50Hz					
定制服务 Customization	非标特殊要求, 可定制 Customized requirement is available					

三箱冷热冲击试验箱

3 zones Thermal Shock Chamber



◆ 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

- 可程式LCD触摸屏温度控制器，支持多种语言；
- 测试区可单独分别做低温或者高温测试风冷/水冷可选；
- 非标定制服务；
- 温度恢复时间3-5分钟。
- Programmable LCD touch screen temperature controller, support multiple languages;
- Test area can be separately tested for low temperature or high temperature;
- Water or air cooling;
- Custom service;
- 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)	40×35×36	40×50×40	60×40×45	60×60×60	60×70×60
外尺寸W×H×D (cm) External size W×H×D (cm)	115×181×131	115×196×135	135×196×140	135×206×155	135×216×155
高温区温度范围 Hot zone temp. range	+80℃ ~ +200℃				
低温区温度范围 Cold zone temp range	-10℃ ~ -40℃, -10℃ ~ -60℃, -10℃ ~ -70℃				
冲击温度范围 Test zone temp. range	-40℃ ~ +150℃, -55℃ ~ +150℃, -60℃ ~ +150℃				
温度均匀度 Temp. uniformity	±2℃ (空载, 温度到达后稳定30分钟) ±2℃ (empty loading after stabilize for 30 mins)				
温度恢复时间 Temp. recovery time	≤5min				
内箱材质 Inner material	SUS#304不锈钢板 SUS#304 Stainless steel				
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process				
控制器 Controller	触摸液晶显示屏 Touch screen controller				
电源 Power supply	AC 3Φ380V 60/50Hz				
定制服务 Customization	非标特殊要求, 可定制 Customized requirement is available				

大型环境试验箱

Walk In Climate Chamber

温度湿度系列
Temperature Humidity Series

温度湿度系列
Temperature Humidity Series



◆ 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

- 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；
- 通讯接口；
- 远程遥控（选配）。
- Touch screen controller, different languages interface;
- Automatic water filling(optional);
- Access to PC remote control and monitoring;
- Customization services;
- Independent water and electricity system;
- Communication interface;
- Remote control (optional).

◆ 规格表 Specification

型号 Model	YWER
内尺寸 Inner size W×H×D (cm)	非标定制 Customized
外尺寸 External size W×H×D (cm)	
温度范围 Temp range	0℃；-20℃；-40℃；-60℃，-70℃~+80℃（其他温度可非标定制） 0℃；-20℃；-40℃；-60℃，-70℃~+80℃（Other temp can be customized）
湿度范围 Humidity range	30% RH~95%RH
温湿度波动范围 Temp.Humi fluctuation	±0.3℃；±0.5%RH
温湿度均匀度 Temp.Humi uniformity	±3℃；±5%RH（空载，温度到达后稳定30分钟） ±3℃；±5%RH（empty loading test after stabilize for 30 mins）
解析精度 Indication Resolution	0.01, 0.1%RH
升降温速率 Heating & cooling rate	升温：平均3℃/min；降温：平均1℃/min Heating:3℃/min(average),cooling:1℃/min(average)
控制系统 Control system	触摸液晶显示屏 Touch screen controller
内箱材质 Inner material	SUS#304不锈钢板 SUS#304 Stainless steel
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process
定制服务 Customization service	非标特殊要求，可定制 Customized requirement is available

低气压试验箱

Low Pressure Chamber

◆ 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与可靠性试验。

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
内尺寸 Inner size W×H×D (cm)	40×50×40	50×60×50	50×75×60	60×85×80	100×100×80	100×100×100
外尺寸 External size W×H×D (cm)	非标尺寸订制 Depends on special requirements					
温度范围 Temp range	-70℃ ~ +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	3℃/min (+20℃ ~ +150℃、常压、空载) 3℃/min (+20℃ ~ +150℃、atmospheric pressure、empty load)					
降温时间 Cooling time	1℃/min					
压力范围 Pressure range	常压 ~ 5Pa Atmospheric pressure to 5pa					
内箱材质 Inner material	SUS#304不锈钢板 SUS#304 stainless steel plate					
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process					
控制系统 Control system	触摸液晶显示屏 Touch screen controller					
电源 Power supply	AC 3Φ380V 60/50Hz					
定制服务 Customization service	非标特殊要求, 可定制 Customized requirement is available					

复合式环境试验箱

Climate And Vibration Combined Test Chamber

◆ 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、各种电子元气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-720	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 Temp range	-80℃/-70℃/-60℃/ -40℃/-20℃/0℃~+150℃, 其他温度可定做 Other temperature can be customized				
湿度范围 Humidity range	20%RH ~ 98%RH (低湿10%RH ~ 98%RH or 5%RH ~ 98%RH 可非标定制.) (low humidity 10%RH ~ 98%RH or 5%RH ~ 98%RH can be customized.)				
温湿度波动度 Temp.humi.fluctuation	± 0.3℃; ± 0.5%RH				
温湿度均匀度 Temp.humi.uniformity	± 2℃; ± 3%RH (空载, 温度到达后稳定30分钟) ± 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	非标特殊要求, 可定制 Customized requirement is available				

冷热水冲击试验箱

Cold And Hot Water Test Chamber

◆ 应用领域 Application

此设备专用于卫浴行业的花洒头，水龙头等部件的耐冷热疲劳测试。通过冷热水循环浸泡，来检测花洒无泄漏、无破裂、无永久性明显变形或功能降低。

This equipment is specially used for the hot and cold water cycle test of shower heads, faucets and other parts in the bathroom industry. Through hot and cold water cycle immersion, it can detect that the shower has no leakage, no cracks, no permanent obvious deformation or function reduction.

◆ 特点 Features

- 低温可达 15℃，高温可达80℃。（其他温度可非标定制）；
- 触摸屏控制器，可实现多种测试连续进行；
- 水可循环利用，损耗低；
- 大型可视窗，可观察测试状态。
- Low temperature can reach 15℃, high temperature can reach 80℃. (Other temperatures can be customized);
- Touch screen controller can realize multiple tests continuously;
- Water can be recycled with low loss;
- Large viewing window to observe the test status.



寿命试验机

Life Test Machine

◆ 应用领域 Application

专用于喷头以及手持花洒的寿命试验。通过不断的冷热水交替流出，来检测产品的耐久寿命测试。

Specially used for life test of shower heads and hand showers. The product's durability is tested by continuously alternating hot and cold water flow out.

◆ 特点 Features

- 可设置不同温度进行测试；
- 可进行多工作测试；
- 触摸屏控制器，可设置温度，水压，测试时间；
- 水可循环利用，损耗低；
- 大型可视窗，可观察测试状态。
- Can set different temperature for test;
- Can do test with multiple stations;
- Touch screen controller, can set temperature, water pressure and test time;
- Water can be recycled with low loss;
- Large viewing window to observe the test status.



防尘试验箱

Dust Proof Test Chamber

◆ 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-216	YSDT-512	YSDT-1000	YSDT-1500
内箱尺寸 Inner chamber size W×H×D (cm)	60×60×60	80×80×80	100×100×100	100×100×150
外箱尺寸 External size W×H×D (cm)	80×158×95	100×178×115	120×198×135	120×198×185
温度范围 Temp range	室温加10℃~50℃ RT+10℃~50℃			
金属网标称线径 Mesh diameter	50 μm			
线间标称间距 Standard line-line distance	75 μm			
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, Adjustable			
尘产生方式 Dust generation mode	自由落尘 Free falling dust			
控制器 Controller	可编程式触摸屏控制器 Programmable touch screen controller			
真空系统 Vacuum system	配有压力计, 空气过滤, 调压, 真空泵 Equipped with pressure gauge, air filter, pressure regulator and vacuum pump			
内箱材质 Inner material	SUS#304不锈钢板 SUS#304 stainless steel plate			
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process			
电源 Power supply	AC 1Ψ 220V; 3Ψ 380V 60/50Hz			
定制服务 Customization service	非标特殊要求, 可定制 Customized requirement is available			



防水试验箱

Water Proof Test Chamber

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, IPX9K测试；
- 水可以循环使用。
- Sample can be power on during test;
- IPX1-IPX6, IPX9K tests can be performed in one chamber;
- Water can be recycled.

规格表 Specification

型号 Model	YSRT-216	YSRT-512	YSRT-1000	YSRT-1728
内箱尺寸 Inner size W×H×D (cm)	60×60×60	80×80×80	100×100×100	120×120×120
外箱尺寸 External size W×H×D (cm)	110×158×82	130×178×102	150×198×122	170×218×142
最大转台直径 Max turntable diameter	30cm	50cm	70cm	90cm
最大滴水面积(IPx1-2) Max water drip area	40cm	60cm	80cm	100cm
最大摆管半径(IPx3-4) Max oscillating tube radius	20cm		40cm	
喷头内直径(IPx5-6) Water jet nozzle internal diameter	6.3mm(IPx5)/12.5mm(IPx6)			
内箱材质 Inner material	SUS#304不锈钢/SUS#304 stainless steel			
外箱材质 External material	冷轧板+烤漆工艺 / SUS#304不锈钢板 Cold rolled sheet with power coating process / SUS#304 stainless steel			
控制器 Controller	可编程触摸屏控制器 Programmable touch screen controller			
电源 Power supply	AC 1Ψ 220V; 3Ψ 380V 60/50Hz			
其他测试 Other test	IPx4K/IPx6K/IPx9K			

蒸汽老化试验箱

Steam Aging Test Chamber

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。

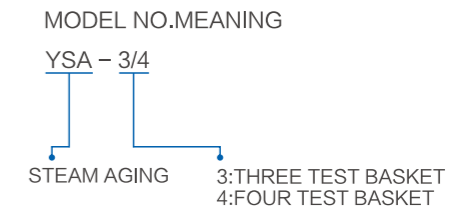
The steam aging test chamber is suitable for the accelerated aging test on the soldering metal pins of electronic connector, semiconductor integrated circuit, transistor, diode, liquid crystal LCD, chip resistor and capacitor, component industry and electronic component.

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层) 10×5.4×26(3 drawers)	10×5.4×26(4层) 10×5.4×26(4 drawers)	10×5.4×26(6层) 10×5.4×26(6 drawers)
外箱尺寸 External size W×H×D (cm)	71×54×53	86×54×53	116×54×53
温度范围 Temp range	室温加10℃~98℃ RT.+10℃~98℃		
温度波动度 Temp fluctuation	±0.3℃		
温度解析精度 Temp resolution	±0.1℃		
升温时间 Heat-up time	45 min		
内箱材质 Inner material	SUS#304不锈钢板 SUS#304 stainless steel		
外箱材质 External material	不锈钢拉丝板 Stainless steel		
加热系统 Heating system	SUS#304不锈钢加热管 SUS#304 stainless steel heater		
控制系统 Control system	按键式数显控制器 Digital type controller		
电源 Power supply	AC 1Ψ 220V 60/50Hz		
定制服务 Customization service	非标特殊要求，可定制 Customized requirement is available		



换气老化试验箱

Air Ventilation Aging Test Chamber

◆ 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
内尺寸 Inner size W×H×D (cm)	45×50×45	60×60×60
外尺寸 External size W×H×D (cm)	110×135×61	125×145×76
温度范围 Temp range	室温加25℃~200℃/300℃ RT+25℃~200℃/300℃	
换气量 Air exchange rate	5~200次/小时 5~200times/h	
温度波动度 Temp fluctuation	±0.3℃	
温度均匀度 Temp uniformity	±1%℃	
温度解析精度 Temp resolution	0.1℃	
升温时间 Heat-up time	30分钟30min	
内箱材质 Inner material	SUS#304不锈钢 SUS#304 stainless steel	
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process	
转盘 Turbatable	转速可调 Rotation speed is adjustable	
电源 Power supply	AC 3Ψ380V 60/50Hz	
定制服务 Customization service	非标特殊要求，可定制 Customized requirement is available	

UV老化试验箱

UV Aging Test Chamber

◆ 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照计；
- 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;
- 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-340
内尺寸 Inner size W×H×D (cm)	117×50×45
外尺寸 External size W×H×D (cm)	116×145×75
温度范围 Temp range	室温加10℃~70℃ RT+10℃~70℃
温度波动度 Temp fluctuation	±2℃
湿度范围 Humidity range	70%~98%RH
光源 Light source	UV-A/UV-B
灯管数量 Lamp quantity	8支 8pcs
内箱材质 Inner material	SUS#304不锈钢 SUS#304 stainless steel
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process
控制系统 Control system	可编程式触摸屏控制器 Programmable touch screen controller
其他功能 Other function	冷凝，喷淋 Condensation, spray
电源 Power supply	AC 3Ψ380V 60/50Hz
定制服务 Customization service	非标特殊要求，可定制 Customized requirement is available

氙灯老化试验箱

Xenon Aging Test Chamber

◆ 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
内尺寸 Inner size W×H×D (cm)	95×80×95	70×70×70	80×80×80	100×100×100
外尺寸 External size W×H×D (cm)	150×190×130	130×180×120	140×190×130	150×200×140
温度范围 Temp range	RT~70℃			
温度波动度 Temp fluctuation	±2℃			
湿度范围 Humidity range	30%RH~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 Wavelength	290~800nm			
辐照强度 Irradiation intensity	1000w/m ² ± 200			
样品架 Specimen holder	旋转式/层架式 Rotary type/shelf type			
内箱材质 Inner material	SUS#304不锈钢 SUS#304 stainless steel			
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process			
控制系统 Control system	可编程式触摸屏控制器 Programmable touch screen controller			
电源 Power supply	AC 3Ψ 380V 60/50Hz			
定制服务 Customization service	非标特殊要求，可定制 Customized requirement is available			

臭氧老化试验箱

Ozone Aging Test Chamber

◆ 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-225	YOT-408	YOT-800	YOT-1000
内尺寸 Inner size W×H×D (cm)	40×50×40	50×60×50	60×75×50	80×85×60	100×100×80	100×100×100
外尺寸 External size W×H×D (cm)	60×145×116	70×155×126	80×165×126	100×175×136	120×190×156	120×190×176
温度范围 Temp range	RT~80℃					
温度波动度 Temp fluctuation	±0.5℃					
温度均匀度 Temp uniformity	±1.5℃ (空载) ±1.5℃ (without load)					
臭氧浓度 Ozone concentration	20~1000PPHM (可调) 20~1000PPHM (adjustable)					
臭氧控制精度 Ozone control precision	±10%					
臭氧产生方式 Ozone generation mode	臭氧发生器 Ozone generator					
样品架 Specimen holder	静态动态夹具 Static and Dynamic fixtures					
内箱材质 Inner material	SUS#304不锈钢 SUS#304 stainless steel					
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process					
控制系统 Control system	可编程式触摸屏控制器 Programmable touch screen controller					
电源 Power supply	AC 1Ψ 220V; 3Ψ 380V 60/50Hz					
定制服务 Customization service	非标特殊要求，可定制 Customized requirement is available					



盐雾试验箱

Salt Spray Test Chamber



◆ 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 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.

◆ 规格表 Specification

型号 Model	YSST-108	YSST-270	YSST-480	YSST-600	YSST-800	YSST-1200
内尺寸 Inner size W×H×D (cm)	60×40×45	90×50×60	120×50×80	120×50×100	160×50×100	200×60×100
外尺寸 External size W×H×D (cm)	107×103×58	138×115×80	170×121×95	170×121×125	225×125×120	265×135×120
箱内温度 Chamber temp	35℃±1℃(NSS ACSS)/50℃±1℃(CASS)					
压力桶温度 Pressure barrel temp	47℃±1℃(NSS ACSS)/63℃±1℃(CASS)					
盐水温度 Salt solution temp	35℃±1℃ 50℃±1℃					
落雾量 Falling fog volume	1.0~2.0ml/80cm ² /h (至少收集16小时, 取其平均值) 1.0~2.0ml/80cm ² /h (collect fog at least 16h, then take average amount)					
盐水电碱值 Saline PH	6.5~7.2 / 3.0~3.2					
材质 Material	内外箱均采用PP材质 PP for both inner chamber and external chamber					
控制系统 Control system	按键式控制器/可编程触摸屏控制器 Digital controller / programmable touch screen controller					
附加功能 Additional function	可做高低温循环, 干燥, 恒湿等综合性测试 Can combine with high low temperature cycle test, dry, humidity					
电源 Power supply	AC 1Ψ 220V; 3Ψ 380V 60/50Hz					
定制服务 Customization service	非标特殊要求, 可定制 Customized requirement is available					

◆ 特点 Features

- PP 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, 复合式盐雾。
- PP material, corrosion resistant;
- Button and programmable touch screen controller optional;
- Can do temperature and humidity test at the same time;
- Can make customized walk-in salt spray chamber.

PCT老化试验箱

PCT Aging Test Chamber

◆ 应用领域 Application

适用于国防、航天、汽车部件、电子零配件、塑胶、磁铁行业、制药线路板, 多层线路板、IC、LCD、磁铁、灯饰、照明制品等产品之密封性能的检测, 在高压、高湿条件下加速湿气渗透测试。相关之产品作加速寿命试验, 使用于在产品的设计阶段, 用于快速暴露产品的缺陷和薄弱环节。测试其制品的耐厌性, 耐湿性评估和强健性测试或气密性。

Suitable for defense, aerospace, automotive parts, electronic parts, plastics, magnets, pharmaceutical circuit boards, multi-layer circuit boards, IC, LCD, magnets, lighting, lighting products and other products of the sealing performance of the test, in high pressure, high humidity conditions to accelerate moisture penetration test. The related products are subjected to accelerated life tests, which are used in the design stage of the product to quickly expose the defects and weak links of the product. Test its products for intolerance, moisture resistance assessment and robustness testing or air tightness.

◆ 特点 Features

- 触摸屏控制器, 可编辑程序;
- 可使用自动补水;
- 测试时间到达自动停机。
- Touch screen controller, can edit the program;
- Automatic water refill is available;
- Automatic stop when the test time reaches.

◆ 规格表 Specification

型号 Model	YPCT-35	YPCT-45
内尺寸 Φ×深 Inner size Φ×D (cm)	35×45	45×45
外尺寸 External size W×H×D (cm)	非标尺寸定制 Depends on special requirement	
蒸汽温度范围 Vapor temp range	100℃~132℃	
蒸汽湿度 Vapor humidity	100% 饱和湿度 100% saturated steam	
工作压力 Working pressure	101.3Kpa +0.0Kg/cm ² ~ 2.0Kg/cm ²	
内箱材质 Inner material	SUS#304不锈钢 SUS#304 stainless steel	
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process	
控制系统 Control system	可编程触摸屏控制器 Programmable touch screen controller	
电源 Power supply	AC 1Ψ 220V; 3Ψ 380V 60/50Hz	
定制服务 Customization service	非标特殊要求, 可定制 Customized requirement is available	



摇摆试验机 Swing Tester

◆ 应用领域 Application

适用于风扇、电机行业，可以对风扇进行摆动试验（摆动幅度可调）以测试摇头装置在不同速度不同幅度下的摇头寿命。

Suitable for fan, motor industry, can be the fan swing test (swing amplitude adjustable) to test the shaking device at different speeds and amplitude of the shaking life.

◆ 特点 Features

- 摇摆角度可以任意设定；
- 可实时记录每个产品的运行情况，如整机温度、电流、电压、转速、on/off控制、PWM控制端；
- 支持多机种同步监控和用户权限设定。
- Swing angle can be set arbitrarily；
- Real-time record the operation of each product, such as machine's temperature, current, voltage, speed, on/off control, PWM control terminal；
- Support multi-machine synchronous monitoring and user permission setting.



◆ 规格表 Specification

型号 Model	YST
内尺寸 Inner size	非标定制 Non-standard customization
温度范围 Temp range	室温加10℃ ~ 100℃ RT+10℃ ~ 100℃
升温时间 Heating time	由室温 (RT) 升温到(+100℃)约15分钟 (空载) about 15 mins from RT to +100℃ (empty load)
温度均匀度 Temperature uniformity	≤ ± 1℃ (空载 empty load), ≤ ± 2℃ (负载 empty load)
控制仪控制精度 Control precision	± 0.1℃
内箱材质 Inner material	304# 雾面不锈钢, 板厚1.5T, 承重部分8T 钢板加固 304# matte stainless steel, 1.5T thick plate, load-bearing part 8T steel plate reinforcement
外箱材质 External material	A3 钢板1.5T, 防静电精粉烤漆处理 1.5T A3 steel plate, anti-static powder coating
保温材质 Insulation material	高密度硅酸铝 High density aluminum silicate
摇摆角度 Swing angle	-90 ~ 90° 范围内角度任意设定 Set the angle within the range
监控系统 Monitoring system	电流、电压、转速、on/off控制、PWM控制端 Current, voltage, speed, on/off control, PWM control terminal
温度控制方式 Temperature control way	PLC+研华工控机+17寸显示器控制 (可设定温度及时间一键开始运行等功能) 温度监控集成一体 PLC+Advantech industrial computer+17-inch display control (can set temperature and time, one-click start, etc.) temperature monitoring integrated.
电源 Power supply	AC 3Ψ 380V 60/50Hz
定制服务 Customization service	非标要求可定制 Non-standard or special requirements are all welcome

老化试验机 Aging Tester

◆ 应用领域 Application

适用于风扇、电机、LED、LCD、电表电源等行业，主要针对产品在老化测试的同时，对测试数据（结果）做实时监视并记录的信赖性检测的过程。

Applicable for fan, motor, LED, LCD, electric meter industry, etc. Mainly for the product aging test and reliability test. At the same time, can monitor and record the test data (results) with real-time.

◆ 特点 Features

- 多种模拟测试环境，可设定环境包含：温度、工作电压、转速控制信号（PWM或电压）、ON/OFF时序，输出的测试结果包含电流、转速、OP信号等；
- 可根据实际使用需求灵活调整搭配，可单独选择老化系统，也可仅选择监控模块，搭配既有环境实验系统；
- 支持多机种同步监控和用户权限设定；
- 可进行高温老化，高低温循环老化测试。

- Multiple simulation test environments, can be set including: temperature, working voltage, speed control signal (PWM or voltage), ON/OFF timing. The output test results include current, speed, OP signal, etc;
- It can be flexibly adjusted according to the actual use needs. The aging system can be selected alone, or select only the monitoring module with the existing environmental experiment system;
- Support multi-machine synchronous monitoring and user permission setting;
- Can do high temperature aging test / high and low temperature cycle aging test.



◆ 规格表 Specification

型号 Model	YBRT
内尺寸 Inner size	非标定制 Non-standard customization
温度范围 Temp range	室温加10℃ ~ 150℃ RT+10℃ ~ 150℃
升温时间 Heating time	从常温到150℃约30min (空载下) About 30mins from RT to +150℃ (empty load)
温度均匀度 Temperature uniformity	± 1.5%℃
控制精度 Control precision	± 0.2℃
内箱材质 Inner material	1.5T SS304 不锈钢板 1.5T SS304 stainless steel plate
外箱材质 External material	SS41 钢板铁材加防锈处理及粉体烤漆 (铁灰色) SS41 steel plate with anti-rust treatment and powder coating (iron gray)
保温材质 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
监控系统 Monitoring system	温度、电流、电压、转速、on/off控制、PWM控制端 temperature, current, voltage, speed, on/off control, PWM control terminal
温度控制方式 Temperature control way	PLC+研华工控机+17寸显示器控制 (可设定温度及时间一键开始运行等功能) 温度监控集成一体 PLC+Advantech industrial computer+17-inch display control (can set temperature and time, one-click start, etc.) temperature monitoring integrated.
电源 Power supply	AC 3Ψ 380V 60/50Hz
定制服务 Customization service	非标要求可定制 Non-standard or special requirements are all welcome

精密热风烤箱

Precision Hot Air Oven

◆ 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可程式控制器；
- 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 500°C.



◆ 规格表 Specification

型号 Model	YPO-030	YPO-072	YPO-270	YPO-480	YPO-800	YPO-1000
内尺寸 Inner size W×H×D (cm)	35×35×26	40×36×50	60×90×50	80×100×60	100×100×80	100×100×100
外尺寸 External size W×H×D (cm)	60×78×51	90×69×71	94×167×70	114×177×80	134×177×100	134×177×120
温度范围 Temp range	室温加25℃~200℃/300℃/400℃/500℃ RT+25℃~200℃/300℃/400℃/500℃					
温度波动度 Temp fluctuation	±0.3℃					
温度均匀度 Temp uniformity	±2%℃					
升温时间 Heat-up time	可根据客户要求定制 Can be customized with customer's requirement					
内箱材质 Inner material	不锈钢 Stainless steel					
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process					
控制系统 Control system	按键式控制器/可编程触摸屏控制器 Digital controller / programmable touch screen controller					
电源 Power supply	AC 1Ψ220V 60/50Hz, AC 3Ψ380V 60/50Hz					
定制服务 Customization service	非标特殊要求，可定制 Customized requirement is available					

精密无尘烤箱

Precision Clean Oven

◆ 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，使干燥箱工作室内处于无尘状态。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可程式控制器；
- 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-216	YCO-270	YCO-480	YCO-800	YCO-1000
内尺寸 Inner size W×H×D (cm)	40×45×40	60×60×60	60×90×50	80×100×60	100×100×80	100×100×100
外尺寸 External size W×H×D (cm)	74×122×80	94×137×100	94×167×90	114×177×100	134×177×120	134×177×140
温度范围 Temp range	室温加25℃~200℃/300℃/400℃/500℃ RT+25℃~200℃/300℃/400℃/500℃					
无尘等级 Dust-free class	Class 100/class 1000/class 10000					
温度波动度 Temp fluctuation	±0.3℃					
温度均匀度 Temp uniformity	±2%℃					
升温时间 Heat-up time	可根据客户要求定制 Can be customized with customer's requirement					
过滤器 Filter	高校过滤器/中效过滤器/初效过滤器 HEPA filter/MEPA filter/PEPA filter					
内箱材质 Inner material	不锈钢 Stainless steel					
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process					
控制系统 Control system	按键式控制器/可编程触摸屏控制器 Digital controller / programmable touch screen controller					
电源 Power supply	AC 1Ψ220V 60/50Hz, AC 3Ψ380V 60/50Hz					
定制服务 Customization service	非标特殊要求，可定制 Customized requirement is available					

氮气烤箱 Nitrogen Oven

◆ 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，3D 打印，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, 3D printing, aerospace and universities 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;
- 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 oven shall not exceed room temperature +10 °C.



◆ 规格表 Specification

型号 Model	YNO-030	YNO-072	YNO-270	YNO-480	YNO-800	YNO-1000
内尺寸 Inner size W×H×D (cm)	35×35×26	40×36×50	60×90×50	80×100×60	100×100×80	100×100×100
外尺寸 External size W×H×D (cm)	69×121×38	74×122×60	94×167×70	114×177×80	134×177×100	134×177×120
温度范围 Temp range	室温加25℃~200℃/300℃/400℃/500℃ RT+25℃~200℃/300℃/400℃/500℃					
氧气浓度 Oxygen concentration	0-10ppm					
温度波动度 Temp fluctuation	±0.3℃					
温度均匀度 Temp uniformity	±2%℃					
升温时间 Heat-up time	可根据客户要求定制 Can be customized with customer's requirement					
内箱材质 Inner material	不锈钢 Stainless steel					
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process					
控制系统 Control system	按键式控制器/可编程触摸屏控制器 Digital controller / programmable touch screen controller					
氮气系统 Nitrogen system	流量计+压差表(选配氧气分析仪) Flow meter + differential pressure meter(oxygen analyzer is optional)					
电源 Power supply	AC 1Ψ220V 60/50Hz, AC 3Ψ380V 60/50Hz					
定制服务 Customization service	非标特殊要求, 可定制 Customized requirement is available					

真空烤箱 Vacuum Oven

◆ 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;
- 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;
- 最低可实现1.3pa。
- Controller: Digital display controller or touch screen programmable controller;
- Glass wool insulation, insulation thickness 100mm, outer oven temperature does not exceed room temperature +10 degrees;
- Imported vacuum pump for fast set vacuum value;
- Lowest pressure can be 1.3pa.



◆ 规格表 Specification

型号 Model	YVO-030	YVO-072	YVO-270	YVO-480	YVO-800	YVO-1000
内尺寸 Inner size W×H×D (cm)	35×35×26	40×36×50	60×90×50	80×100×60	100×100×80	100×100×100
外尺寸 External size W×H×D (cm)	参考具体温度以及真空度要求 Depends on the temperature and vacuum requirement					
温度范围 Temp range	室温加25℃~200℃/300℃/400℃/500℃ RT+25℃~200℃/300℃/400℃/500℃					
真空度 Vacuum range	常压~1.3pa Atmospheric pressure to 1.3pa					
温度波动度 Temp fluctuation	±0.3℃					
升温时间 Heat-up time	可根据客户要求定制 Can be customized with customer's requirement					
内箱材质 Inner material	不锈钢 Stainless steel					
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process					
控制系统 Control system	按键式控制器/可编程触摸屏控制器 Digital controller / programmable touch screen 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 1Ψ220V 60/50Hz, AC 3Ψ380V 60/50Hz					
定制服务 Customization service	非标特殊要求, 可定制 Customized requirement is available					

真空氮气烤箱

Vacuum Nitrogen Oven

◆ 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.

◆ 特点 Features

- 控制器: 数显式控制器或者触摸屏可程式控制器;
- 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;
- 最低可实现1.3pa;
- 真空和氮气两种功能。
- Controller: Digital display controller or touch screen programmable controller;
- Glass wool insulation, insulation thickness 100mm, outer oven temperature does not exceed room temperature +10 degrees;
- Imported vacuum pump for fast set vacuum value;
- Lowest pressure can be 1.3pa;
- Vacuum and nitrogen are available in this oven.



◆ 规格表 Specification

型号 Model	YVNO-030	YVNO-072	YVNO-270	YVNO-480	YVNO-800	YVNO-1000
内尺寸 Inner size W×H×D (cm)	35×35×26	40×36×50	60×90×50	80×100×60	100×100×80	100×100×100
外尺寸 External size W×H×D (cm)	参考具体温度以及真空度要求 Depends on the temperature and vacuum requirement					
温度范围 Temp range	室温加25℃~200℃/300℃/400℃/500℃ RT+25℃~200℃/300℃/400℃/500℃					
真空度 Vacuum range	常压~1.3pa Atmospheric pressure to 1.3pa					
氧气浓度 Oxygen concentration	0-10ppm					
温度波动度 Temp fluctuation	±0.3℃					
升温时间 Heat-up time	可根据客户要求定制 Can be customized with customer's requirement					
内箱材质 Inner material	不锈钢 Stainless steel					
外箱材质 External material	冷轧板+烤漆工艺 Cold rolled sheet with power coating process					
控制系统 Control system	按键式控制器/可编程触摸屏控制器 Digital controller / programmable touch screen controller					
真空系统 Vacuum system	真空泵+电磁阀+真空计 Vacuum pump + Solenoid valve + vacuum gauge					
氮气系统 Nitrogen system	流量计+压差表 (选配氧气分析仪) Flow meter + differential pressure meter(oxygen analyzer is optional)					
电源 Power supply	AC 1Ψ220V 60/50Hz, AC 3Ψ380V 60/50Hz					
定制服务 Customization service	非标特殊要求, 可定制 Customized requirement is available					

电磁式高频振动台

Electrodynamic High Frequency Vibration Table

◆ 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, 用来确定产品是否承受各种环境振动的能力。广泛用于国防、军工、航空、船舶、光电、仪器仪表、电子、汽车、家用、研究院、检测机构等行业。

It simulates the various vibration environments that products encounter during transportation, installation and use to determine whether the product can withstand various environmental vibrations. It is widely used in defense, military, aviation, shipbuilding, optoelectronics, instrumentation, electronics, automobiles, household, research institutes, testing institutions and other industries.



◆ 特点 Features

- 正弦推力范围3KN~50KN;
- 宽带频, 高精度, 占地小, 低噪音, 免地基设计;
- 良好的耳轴隔振设计, 有效降低振动传导;
- 双磁路设计, 台体漏磁小;
- 正弦、随机、冲击、混合模式等试验功能。
- Sine thrust range 3KN~50KN;
- Wideband frequency, high precision, small installation space, low noise, foundation-free design;
- Good ear shaft vibration isolation design, effectively reducing vibration conduction;
- Dual magnetic circuit design, small magnetic leakage on the table;
- Sine, random, impact, mixed mode and other test functions.

◆ 规格表 Specification

型号 Model	YEV-300	YEV-600	YEV-1000	YEV-2000	YEV-3000	YEV-5000
额定激振力 Rate sine force (N)	2940N	5880N	9800N	19600N	31360N	49100N
额定频率范围 Rated frequency range(Hz)	5Hz~4000Hz	5Hz~3500Hz	5Hz~3000Hz	5Hz~3000Hz	5Hz~2500Hz	5Hz~2500Hz
额定加速度(m/s ²)空载 Rated acceleration (m/s ²) Empty load	980m/s ² (100g)	980m/s ² (100g)	980m/s ² (100g)	980m/s ² (100g)	980m/s ² (100g)	980m/s ² (100g)
额定速度 Rated speed (m/s)	1.8m/s	1.8m/s	1.8m/s	1.8m/s	1.8m/s	1.8m/s
额定位移 Rated replacement (mmp-p)	25.4mm (p-p)	51mm (p-p)	51mm (p-p)	51mm (p-p)	51mm (p-p)	51mm (p-p)
最大载荷 Max.testing load (kg)	120kg	300kg	300kg	300kg	500kg	1000kg
运动部件有效质量 Weight of moving part(kg)	3kg	6kg	10kg	20kg	32kg	50kg

液压垂直冲击台

Hydraulic Vertical Impact Table

◆ 应用领域 Application

用于模拟产品在实际环境中所受的冲击，考核产品在冲击环境下功能的可靠性和结构的完好性。本设备可进行常规的半正弦波、后峰锯齿波、梯形波及冲击响应谱分析功能等冲击试验。

It is used to simulate the impact that the product is subjected to in the actual environment, and to examine the reliability of the product's functions and the integrity of its structure under the impact environment. This equipment can perform conventional impact tests such as half-sine wave, post-peak sawtooth wave, trapezoidal wave and impact response spectrum analysis.



◆ 特点 Features

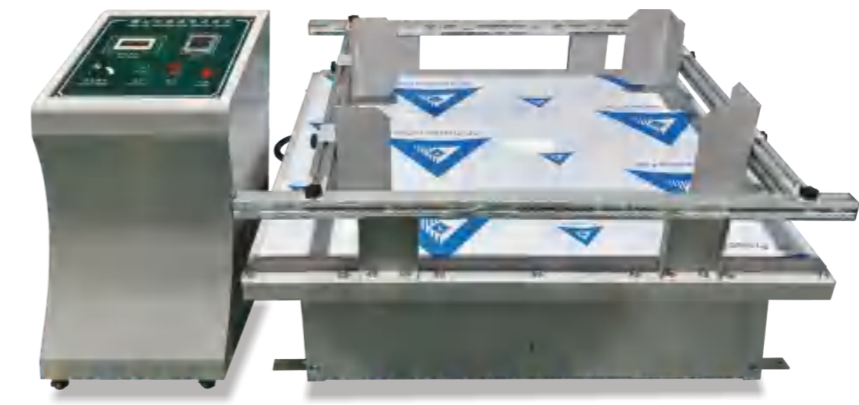
- 采用液压提升，具有提升平稳，噪音小；
- 高性能的铝合金台面：优化设计的铝合金台面刚度高，具有较高的一阶谐振频率；
- 可靠的刹车系统：内置液压制动机构，避免二次冲击，更安全的定位台面；
- 多种波形：更换不同的波形发生器，可执行常规的半正弦波、后峰锯齿波、梯形波；
- 安装方便：自带高性能缓冲隔振装置，无需专用地基。
- Hydraulic lifting, smooth lifting and low noise;
- High-performance aluminum alloy table: the optimized aluminum alloy table has high rigidity and a high first-order resonance frequency;
- Reliable brake system: Built-in hydraulic brake mechanism to avoid secondary impact and position the table more safely;
- Multiple waveforms: by replacing different waveform generators, conventional half-sine waves, post-peak sawtooth waves, and trapezoidal waves can be executed;
- Easy installation: It comes with a high-performance buffer and vibration isolation device, and does not require a dedicated foundation.

◆ 规格表 Specification

型号 Model	YVI-5		YVI-25		YVI-50			YVI-100				
额定负载 Rate load (kg)	5kg		25kg		50kg			100kg				
台面尺寸 Table size (mm)	200 × 200		300 × 350		500 × 500			600 × 600				
冲击波形 Shock Waveform	半正弦 Half sine	后峰锯齿 Post-peak sawtooth	半正弦 Half sine	后峰锯齿 Post-peak sawtooth	半正弦 Half sine	后峰锯齿 Post-peak sawtooth	梯形 Trapezoid	半正弦 Half sine	后峰锯齿 Post-peak sawtooth	梯形 Trapezoid		
冲击加速度 Impact acceleration (m/s ²)	100~30000	150~1000	50~15000	150~1000	100~12000	150~1000	300~1000	100~12000	150~1000	300~1000		
脉冲持续时间 Pulse duration (ms)	20~0.3	18~6	60~0.8	18~6	60~1	18~6	12~6	60~1	18~6	12~6		
型号 Model	YVI-200			YVI-500			YVI-1000			YVI-1500		
额定负载 Rate load (kg)	200kg			500kg			1000kg			1500kg		
台面尺寸 Table size (mm)	600 × 800			800 × 1000			1000 × 1200			1200 × 1500		
冲击波形 Shock Waveform	半正弦 Half sine	后峰锯齿 Post-peak sawtooth	梯形 Trapezoid	半正弦 Half sine	后峰锯齿 Post-peak sawtooth	梯形 Trapezoid	半正弦 Half sine	后峰锯齿 Post-peak sawtooth	梯形 Trapezoid	半正弦 Half sine	后峰锯齿 Post-peak sawtooth	梯形 Trapezoid
冲击加速度 Impact acceleration (m/s ²)	100~6000	150~1000	300~1000	100~4000	150~600	300~600	100~2500	150~500	300~500	100~1500	150~500	300~500
脉冲持续时间 Pulse duration (ms)	60~2	18~6	12~6	60~3	18~6	12~6	60~4	18~11	12~6	60~6	18~11	12~6

模拟运输振动台

Simulated Transport Vibration Table



◆ 应用领域 Application

模拟汽车运输途中的颠簸对产品造成的破坏，用以鉴定产品是否忍受环境振动的能力，适用于电子、机电、光电、汽机车、玩具等行业。

It simulates the damage to the product caused by the bumps during automobile transportation to determine whether the product can withstand environmental vibration. It is suitable for electronics, electromechanics, optoelectronics, automobiles, motorcycles, toys and other industries.

◆ 特点 Features

- 采用数字仪表显示振动速度，可根据需求调节快慢；
- 同步静音皮带传动噪音低；
- 试样装夹采用导轨式，操作方便、安全；
- 机台底座采用重型槽钢配减振胶垫，安装方便，运行平稳（如测试速度长期需要高速运转，建议安装地脚螺丝固定）。
- Use digital instrument to display vibration speed, which can be adjusted according to requirement;
- Synchronous silent belt drive with low noise;
- The test sample is clamped by rail, which is convenient and safe to operate;
- The machine base is made of heavy-duty channel steel with vibration-damping rubber pads, which is easy to install and runs smoothly (if the test speed needs to run at high speed for a long time, it is recommended to install anchor screws to fix it).

◆ 规格表 Specification

型号 Model	YTV-01	YTV-02
控制电机 Control motor	DC motor	Variable frequency motor
样品重量 Sample weight(kg)	100kg, 200kg, 500kg, 1000kg, 2000kg, 3000kg, 5000kg	
测试台面尺寸 Test table size(mm)	1200 × 1000mm (可根据客户产品定制，测试台面尺寸建议比样品尺寸大100~200mm. Larger test table size is customization, The test table size is recommended to be 100~200mm larger than the sample size.)	
频率范围 Frequency range(RPM)	100~300RPM	
振幅范围 Vibration amplitude	25.4mm(1 英寸 1 inch)	
模拟车速 Simulated vehicle speed	25~40km/h	
振动方式 Vibration mode	回转式 (俗称跑马式) Rotary style (commonly known as horse racing style)	

低频振动台

Low Frequency Vibration Table

◆ 应用领域 Application

模拟产品在制造，组装运输及使用执行阶段中所遭遇的各种振动环境，用以鉴定产品是否忍受环境振动的能力，主要用于线路板，电子原器件，电源会不会接触不良，脱焊，假焊等；

适用于电子、机电、光电、汽机车、玩具、包装等行业。

It simulates various vibration environments encountered by products during manufacturing, assembly, transportation and use to identify whether the product can withstand environmental vibration. It is mainly used to check whether circuit boards, electronic components and power supplies have poor contact, desoldering, false welding, etc;

It is often used to electronics, electromechanics, optoelectronics, automobiles, toys, packaging and other industries.



◆ 特点 Features

- 测试台面采用铝板，精密加工，超静音；
- 可做定频、扫频、程式、时间控制；
- 振动方向：垂直、垂直+水平两轴一体、垂直+水平三轴一体；
- 电脑软件控制可选。
- The test table is made of aluminum plate, precision-processed, and ultra-quiet;
- Can be used for fixed frequency, sweep frequency, program, and time control;
- Vibration direction: vertical, vertical + horizontal two-axis integrated, vertical + horizontal three-axis integrated;
- Computer software control is optional.

◆ 规格表 Specification

型号 Model	YVT-01	YVT-02	YVT-03
振动方向 Vibration direction	(垂直)上下 Vertical up and down	(垂直+水平两轴一体机)上下+左右 (Vertical + horizontal two-axis integrated machine) up and down + left and right	(垂直+水平三轴一体机)上下+左右+前后 (Vertical + horizontal three-axis integrated machine) up and down + left and right + front and back
样品重量 Sample weight(kg)	0~60kg (可定制Customization)		
测试台面尺寸 Test table size(mm)	500 × 500mm, 750 × 750mm, 1000 × 1000mm, 1500 × 1500mm(可定制Customization)		
控制器类型 Controller type	PLC触摸屏控制器，可显示曲线图，USB导出数据 PLC touch screen controller, can display curve, USB export data.		
频率范围 Frequency range	1~600Hz/1~3000Hz		
振幅 Vibration amplitude	0~5mm (Random)		
振动波形 Vibration waveform	Sine wave		
最大加速度 Max. acceleration(g)	10g		
功能 Function	扫频、定频、可程式、时间控制 Sweep frequency, fixed frequency, programmable, time control		

跌落试验机

Drop Testing Machine

◆ 应用领域 Application

用于测试产品包装受到坠落受损情况，及评估运输搬运过程时耐冲击强度。可对包装件的面、角、棱作自由跌落试验，配备数显高度显示仪及采用译码器进行高度跟踪，从而能精确的给出产品跌落高度，与预设跌落高度误差不超过2%或10mm。

It is used to test the damage of product packaging caused by falling, and to evaluate the impact resistance during transportation and handling. It can perform free drop tests on the faces, corners and edges of the package. It is equipped with a digital height display and uses a decoder for height tracking, so that the product drop height can be accurately given, and the error with the preset drop height does not exceed 2% or 10mm.



◆ 特点 Features

- 单臂/双臂可选；
- 可对包装件的面、角、棱进行自由跌落试验；
- 具有电动复位、电控跌落及电动升降装置，使用方便；
- 跌落高度精准，显示直观，跌落臂升降平稳，跌落角度误差小。
- Single arm/double arm optional;
- Free drop test can be performed on the surface, corners and edges of the package;
- With electric reset, electric control drop and electric lifting device, easy to use;
- Accurate drop height, intuitive display, stable drop arm lifting, small drop angle error.

◆ 规格表 Specification

型号 Model	YDT-150S	YDT-200S	YDT-150D	YDT-200D
类型 Type	Single swing/arm		Double swing/arm	
跌落高度范围 Drop height range(mm)	300~1500mm	300~2000mm	400~1500mm	400~2000mm
托臂尺寸 Swing/arm size(mm)	160 × 180 × 8mm			
样品重量 Sample weight(kg)	0~70kg (可定制 Customization)			
样品最大尺寸 Max. sample size(mm)	800 × 800 × 800mm (可定制 Customization)			
跌落底板尺寸 Drop plate size(mm)	1700 × 1200 × 40mm (标准款 Standard type) / 1700 × 1200 × 14mm (实心钢板款 Solid steel plate type)			
控制器类型 Controller type	按键控制器/触摸屏控制器 Button controller/touch screen controller			
电源 Power	AC 3 phase 380V 50Hz			

拉力机

Tensile Testing Machine

◆ 应用领域 Application

拉力试验机又名万能材料试验机。万能试验机是用来针对各种材料进行仪器设备静载、拉伸、压缩、弯曲、剪切、撕裂、剥离等力学性能试验用的机械加力的试验机，适用于塑料板材、管材、异型材，塑料薄膜及橡胶、电线电缆、钢材、玻纤维等材料的各种物理机械性能测试。

Tensile testing machine is also called universal material testing machine, it is a mechanical force testing machine used to perform mechanical property tests such as static load, stretching, compression, bending, shearing, tearing, peeling, etc. on various materials. It is suitable for various physical and mechanical property tests of plastic plates, pipes, special-shaped materials, plastic films, rubber, wires and cables, steel, glass fiber and other materials.



◆ 特点 Features

- 电脑式、触屏式控制器可选；
- 双柱式拉力机可选；
- 力值单位kg, lb, N可切换；
- 配通用夹具一套。
- Computer and touch screen controller type optional;
- Double column tensile testing machine optional;
- Force units kg, lb, N can be switched;
- Equipped with a set of universal clamps.

◆ 规格表 Specification

型号 Model	YTM-01	YTM-02
类型 Type	电脑式 Computer	触屏式 Touch screen
样品重量 Sample weight (kg)	0~50kg/0~100kg (可定制 Customization)	
力值单位 Force unit	kg,lb,N (可切换 Switchable)	
测试行程 Test trip (mm)	350mm	
控制电机 Control motor	步进电机 Stepper motor	
测试速度 Test speed	1~500mm/min	
测试夹具 Test fixture	标配通用夹具一套，可提供定制夹具1 set universal fixtures,customized fixtures available.	
电源 Power	AC 1 phase 220V 50Hz	

气候模拟测试系列

Climate Simulation Test Series



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



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



桌上型恒温恒湿箱
Desktop climate chamber



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



液体循环试验机
Ocean & sweat tester



双开门恒温恒湿试验箱
Double doors type
climate chamber



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



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

气候模拟测试系列

Climate Simulation Test Series



IPX3 IPX4 花洒防水实验装置
IPX3/4 shower type water spray test device



IPX6K 防水试验装置
Opening type IPX6K water proof test device



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



IPX8 浸水试验装置
IPX8 water immersion test device



IPX7 浸水装置
IPX7 water immersion test device



步入式防尘试验箱
Walk in dust test chamber



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



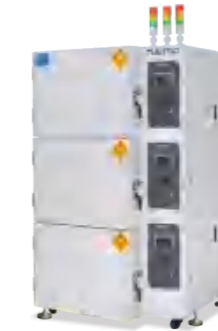
步入式盐雾试验箱
Walk in salt spray chamber

高温干燥/老化系列

High Temperature Drying / Aging Series



桌上型烤箱
Desktop industrial oven



三层烤箱
3 layers industrial oven



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



强抽风烤箱
Hot air oven with blower



台车烤箱
Industrial oven with cart



卷帘门烤箱
Shutter door type industrial oven



隧道炉
Tunnel oven



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



双层独立控制氮气烤箱
2 cabinets nitrogen oven with independent control system



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



四门氮气烤箱
4 cabinets type nitrogen oven



高温老化箱带数据采集系统
High temp aging oven with data collection system