

LCD Aging Chamber



Application :

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.

Features :

- 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

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)		
温度范围 Temperature range		R.T+25°C ~ +80°C
性能 Performance	温度波动度 Temp.fluctuation	± 0.3°C
	解析精度 Temp.resolution	± 0.1°C
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 1Ψ 220V; 3Ψ 380V 60/50Hz

TO Aging Machine

Application:

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

Features:

- 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



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



Application:

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.

Features:

- 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

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伺服器便于调用回看 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

MODEL NO.MEANING

YSA - 3/4

STEAM AGING

3: THREE TEST BASKET
4: FOUR TEST BASKET

Application:

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.



Features:

- 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

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 WxHxD (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

Application:

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, rubbers, plastics, etc.

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



Features:

- Adjustable ozone concentration
- Dynamic or static sample holders can be customized
- Imported ozone concentration analyzer

Specification:

型号 Model	YOT-080	YOT-150	YOT-1000
内箱尺寸 Inner chamber size WxHxD (cm)	40×50×40	50×60×50	100×100×100
外箱尺寸 External chamber size WxHxD (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



Application:

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.

Features:

- 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

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 WxHxD (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

Application:

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.



Features:

- 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

Specification:

型号 Model	YXEL-216	YXEL-343	YXEL-512	YXEL-1000
内箱尺寸 Inner chamber size WxHxD (cm)	60×60×60	70×70×70	80×80×80	100×100×100
外箱尺寸 External chamber size WxHxD (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

Application:

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.



Features:

- 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

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 WxHxD (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 1Ψ220V 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 Humi.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(全钟默勤) 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				