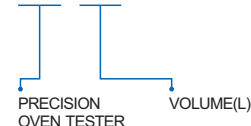# Precision Hot Air Oven

▌Application：

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.

▌Features：

- 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

▌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 heate					
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 Customazition 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

▌Application：

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.

▌Features：

- Digital display type controller or touch screen controller
- Hot air circulation heating type ensure rapid temperature rise and a uniform distribution
- High efficiency filter

▌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 3Ψ380V 60/50Hz					
定制服务 Customization service	非标要求可定制 Non-standard requirements is available					

Nitrogen Drying Oven

Application：

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.

Features：

- 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 ℃

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

Application：

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

Features：

- 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

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 tgime	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 3Ψ 380V 60/50Hz					
定制服务 Customazition service	非标要求可定制 Non-standard requirements is available					

Vacuum Nitrogen Drying Oven

▌Application：

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.

▌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 gange					
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, hiehgt 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 3Ψ 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

Application:

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

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)		
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 3Ψ 380V 60/50Hz	
定制服务 Customization service	非标要求可定制 Non-standard requirements is available	