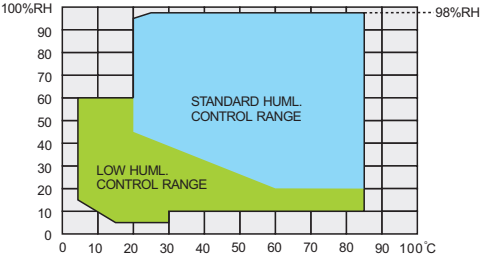
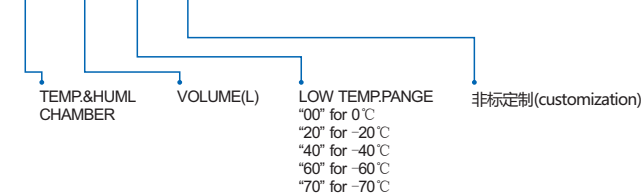


# Temperature Humidity Chamber

MODEL NO.MEANING

YTH - XXX - XX - XX



## Application:

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

## Features:

- Touch screen controller, different languages interface
- Automatic water filling(optional)
- Access to PC remote control and monitoring
- Customization services
- Independent water and electricity system

## Specification:

Model	YTH-080	YTH-150	YTH-225	YTH-408	YTH-800	YTH-1000
Inner chamber size W×H×D (cm)	40×50×40	50×60×50	60×75×50	80×85×60	100×100×80	100×100×100
Exterior chamber size W×H×D (cm)	60×150×108	60×150×120	80×165×125	100×175×140	120×195×160	120×195×180
Testing temperature range	-70℃, -60℃, -40℃, -20℃, 0℃~150℃, Other temperature can be customized					
Testing humidity range	20%RH~98%RH(low humidity10%RH~98%RH or 5%RH~98%RH can be customized)					
Temp.humi.fluctuation	±0.5℃; ±1%RH					
Temp.humi.uniformity	±2℃, ±3%RH ±2℃ (empty loading test after stabilize for 30 mins)					
Temp.humi.resolution	0.01℃; 0.1%RH					
Heating&cooling time °C/min	Heat-up:3℃/min(average),cool-down:1℃/min(average)					
Interior chamber material	SUS#304 Stainless steel					
Exterior chamber material	Cold rolled plate + Powder coating					
Insulation material	PU+ fiberglass wool					
Circulation system	Centrifugal fan air circulation system					
Heating system	SUS# Stainless steel high-speed heater					
Humidification system	Electrothermal steam humidification					
Dehumidifying	ADP critical dew point cooling / dehumidifying method					
Refrigeration system	Compressor + Finned evaporator + Air(Water) cooling condenser					
Controlling system	Touch screen controller					
Other components	Vacuum glass observation window					
	( 50mm ) Test hole (50mm)					
	Control status indicator					
	View light					
	2 pcs loading shelves (adjustable height)					
Safety protection device	Overheat protection circuit breaker					
	Humidification system overheat protection					
	Compressor overload protection					
	Control system overload protection					
	Overload indicator					
	Phase sequence protection					
	Water shortage protection					
	High voltage and low voltage protection					
	Over temperature protection					
	Water supply delay protection					
Fan overcurrent protection						
Power supply	AC 1Ψ 220V; 3Ψ380V 60/50Hz					
Customization service	Non-standard requirements is available					

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

# 3 Layers Temperature Humidity Chamber

## Features:

- Three layers design with easy operation and less space
- Each layer can test three different control conditions: high temperature, low temperature or constant temperature and humidity
- All systems are independent: three sets of refrigeration system, three sets of heating and humidifying system, and three sets of control systems, stable control, high precision, and long life-service



## Specification:

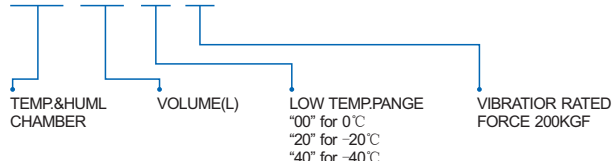
型号 Model	YTHG-072	YTHG-162
内箱尺寸 Inner chamber size W×H×D (cm)	45×40×40	60×45×60
外箱尺寸 Exterior chamber size W×H×D (cm)	100×200×170	120×215×185
温度范围 Testing temperature range	-70℃, -60℃, -40℃, -20℃, 0℃~150℃, 其他温度可定做 Other temperature can be customized	
湿度范围 Testing humidity range	20%RH~98%RH(低湿 low humidity 10%RH~98%RH or 5%RH~98%RH可定做 can be customized)	
温湿度波动度 Temp.humi.fluctuation	±0.5℃; ±1%RH	
温湿度均匀度 Temp.humi.uniformity	±2℃; ±3%RH 空载, 稳定后30min ±1.5℃; ±3%RH (empty loading after stabilize for 30 mins)	
解析精度 Temp.humi.resolution	0.01℃; 0.1%RH	
升降温时间 Heating&cooling time °C/min	升温: 平均3℃/min; 降温: 平均1℃/min Heat-up:3℃/min(average),cool-down:1℃/min(average)	
内箱材质 Interior chamber material	SUS#304不锈钢板 SUS#304 Stainless steel	
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled plate + Powder coating	
隔热材质 Insulation material	PU+玻璃棉 PU+ fiberglass wool	
循环系统 Circulation system	离心风机风循环系统 Centrifugal fan air circulation system	
加热系统 Heating system	SUS#不锈钢高速加热器 SUS# Stainless steel high-speed heater	
加湿系统 Humidification system	电热式蒸汽加湿 Electrothermal steam humidification	
除湿系统 Dehumidifying	ADP临界露点冷却/除湿方法 ADP critical dew point cooling / dehumidifying method	
制冷系统 Refrigeration system	压缩机+翅片式蒸发器+风冷(水/冷)冷凝器 Compressor + Finned evaporator + Air(Water) cooled condenser	
控制系统 Controlling system	触摸液晶显示屏+SSR + PID Touch screen controller+SSR+PID	
附件 Other components	真空玻璃观察窗 Vacuum glass observation window	
	通电测试孔 (50mm) Test hole (50mm)、控制状态指示灯 Control status indicator	
	隔层架2个(高度可调) 2 pcs loading shelves (adjustable height)	
保护装置 Safety protection device	加湿系统过热保护 Humidification system overheat protection、压缩机过载保护 Compressor overload protection	
	控制系统过载保护 Control system overload protection、过载指示灯 Overload indicator	
	相序保护 Phase sequence protection、缺水保护 Water shortage protection	
	高压低压保护 High voltage and low voltage protection、超温保护 Over temperature protection	
电源 Power supply	AC 1Ψ 220V; 3Ψ380V 60/50Hz	
定制服务 Customization service	非标要求可定制 Non-standard requirements is available	

# Climate And Vibration Combined Test Chamber



## MODEL NO.MEANING

YTHV - XXX - XX - 2H



## Application:

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 ) .

## Features:

- 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

## Specification:

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

# Rapid Rate Temperature Chamber

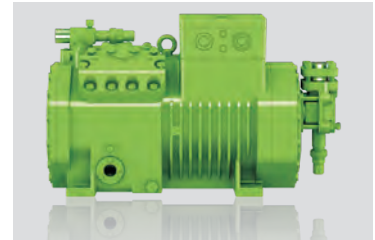
## MODEL NO.MEANING

YICT - XXX - XX

TEMP.&HUMI  
CHAMBER

VOLUME(L)

LOW  
TEMP.RANGE  
"00" for 0℃  
"20" for -20℃  
"40" for -40℃  
"60" for -60℃  
"70" for -70℃



## Application:

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.

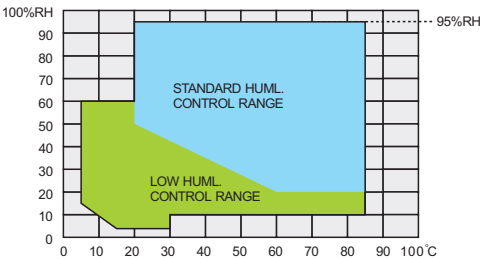
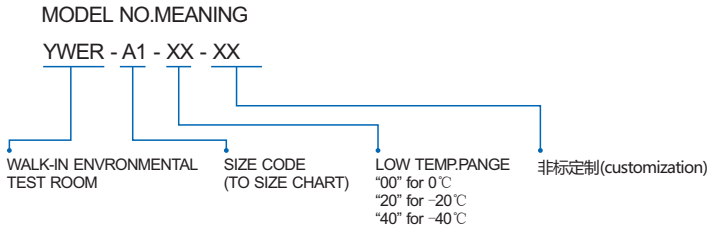
## Features:

- Touch controller, different language interface
- Various ramp rate available (3°C, 5°C, 8°C,10°C,15°C)
- Access to PC remote control and monitoring
- Heating, cooling, humidification, dehumidification separately, unique BTHC balance temperature regulation and humidity control

## Specification:

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

# Walk In Climate Chamber



## Application:

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.

## Features:

- Programmable LCD touch screen temperature controller, support multiple languages
- Automatic water filling function
- Access to PC remote control and monitoring
- Water or air cooling
- Customization services
- Big glass window to check the status of DUT

## Specification:

型号 Model	YWER
内箱尺寸 Inner chamber size W×H×D (cm)	非标定制 Customized
外箱尺寸 Exterior chamber size W×H×D (cm)	
温度范围 Temperature range	0℃; -20℃; -40℃; -60℃, -70℃ ~ +70℃ (+80℃)
湿度范围 Humidity range	20% RH~95%RH
温湿度波动范围 Temp.Humi fluctuation	±0.5℃; ±1%RH
温湿度均匀度 Temp.Humi uniformity	±3℃; ±5%RH (空载, 稳定后30min) ±3℃; ±5%RH(empty loading test after stabilize for 30 mins)
解析精度 Indication Resolution	0.01℃, 0.1%RH
升降温时间 Heating&cooling time℃/min	升温平均3度每分钟, 降温平均1度每分钟。Average 3℃/min for heating, 1℃/min for cooling (unloaded)
循环系统 Air circulation system	离心风机风循环系统 Centrifugal fan air circulation system
加热系统 Heating system	SUS # 304不锈钢高速加热器 SUS # Stainless steel high-speed heater
加湿系统 Humidification system	电热式蒸汽加湿 Electrothermal steam humidification
制冷系统 Refrigeration system	压缩机+翅片式蒸发器+风冷(水冷)冷凝器 Compressor + Finned evaporator + Air(Water) cooling condenser
除湿系统 Dehumidifying system	临界露点冷却/除湿方法 dew point dehumidification method
控制系统 Controlling system	触摸液晶显示屏 Touch screen controller
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS#304 Stainless steel
外箱材质 Exterior chamber material	冷轧板喷漆 Cold rolled plate + Powder coating
隔热材质 Insulation material	聚氨酯发泡 PU
附件 Other components	真空玻璃观察窗 Vacuum glass observation window
	通电测试孔 Test hole ∅50mm∅100mm∅160mm (选配 Optional)
	控制状态指示灯 Control status indicator
	视窗灯 View light
	过热保护断路器 Overheat protection circuit breaker
保护装置 Safety protection device	加湿系统过热保护 Humidification system overheat protection
	压缩机过载保护 Compressor overload protection
	控制系统过载保护 Control system overload protection
	过载指示灯 Overload indicator
	相序保护 Phase sequence protection
	缺水保护 Water shortage protection
	高压低压保护 High voltage and low voltage protection
	超温保护 Over temperature protection
	补水延时保护 Water supply delay protection
风机过流保护 Fan overcurrent protection	
电源 Power supply	AC 3Ψ380V 60/50Hz 非标定制 Power supply can be customized
定制服务 Customization service	非标要求可定制 Non-standard requirements is available

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



# High Altitude Low Pressure Chamber

## Application:

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.

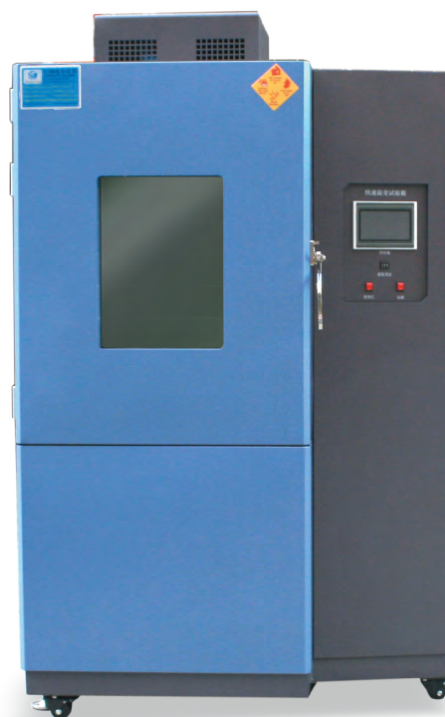


## Features:

- Rapid depressurization

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

- Multiple fault alarm functions and protection systems



## Specification:

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

# Automobile Fan High Low Temperature Chamber

## Application:

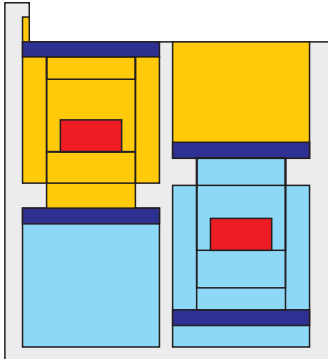
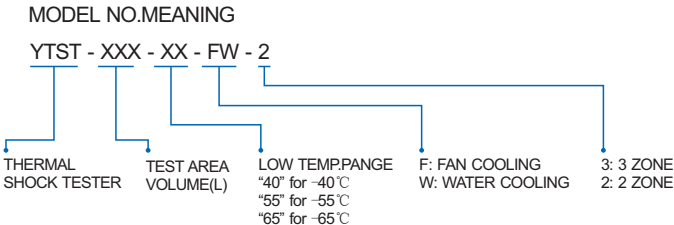
Use to test the materials performance in the environments of heat, cold, dry and moisture, mainly used in automobile, aerospace and other industries.



## Specification:

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

# 2 Zones Thermal Shock Chamber



## Application:

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.

## Features:

- 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

## Specification:

型号 Model	YTST-050	YTST-080	YTST-108	YTST-216	YTST-252
吊篮尺寸 Test zone size W×H×D (cm)	36×35×40	50×40×40	60×40×45	60×60×60	70×60×60
外箱尺寸 Exterior chamber size (cm)	128×182×205	142×192×205	152×192×210	215×213×205	215×223×205
预热温度范围 Hot zone temp. range	+60℃ ~ +200℃				
预冷温度范围 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. fluctuation	±2℃				
温度恢复时间 Temp. recovery time	<5min (可定制 customizable)				
吊篮移动时间 Specimen transfer time	15秒内 within 15 seconds				
内箱材质 Internal chamber material	SUS#304不锈钢板 SUS # 304 Stainless steel				
外箱材质 Exterior chamber material	冷轧板+烤漆 Cold rolled plate + Powder coating				
隔热材质 Insulation material	PU+玻璃棉 PU+Fiberglass wool				
加热系统 Heating system	SUS#不锈钢高速加热丝 Stainelss steel high temp. heater				
制冷系统 Cooling system	压缩机+翅片式蒸发器+风冷(水冷)冷凝器 Compressor + Finned evaporator + Air(Water) cooling condenser				
控制器 Controller	触摸液晶显示屏 Touch screen controller				
附件 Other components	真空玻璃观察窗 Vacuum glass observation window				
	通电测试孔(50mm) test hole (50mm)				
	控制状态指示灯 Control status indicator				
	室内灯 Interior light				
保护装置 Safety protection device	隔层架2个(高度可调) 2 pcs loading shelves (adjustable height)				
	过热保护断路器 Overheat protection circuit breaker				
	压缩机过载保护 Compressor overload protection				
	控制系统过载保护 Control system overload protection				
	过载指示灯 Overload indicator				
	相序保护 Phase sequence protection				
	高压低压保护 High voltage and low voltage protection				
	超温保护 Over temperature protection				
风机过流保护 Fan overcurrent protection					
电源 Power supply	AC 3Ψ380V 60/50Hz				
定制服务 Customization service	非标要求可定制 Non-standard requirements is available				

# 3 Zones Thermal Shock Chamber

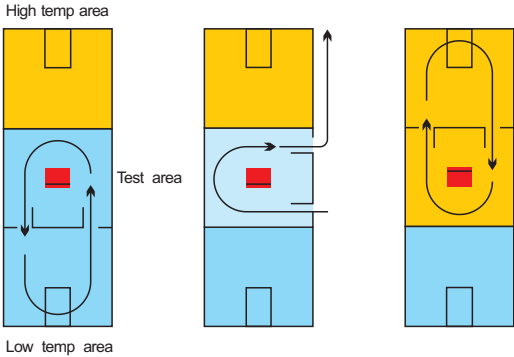
MODEL NO. MEANING  
 YTST - XXX - XX - FW - 3

THERMAL SHOCK TESTER      TEST AREA VOLUME(L)

LOW TEMP. RANGE  
 \*40" for -40°C  
 \*55" for -55°C  
 \*65" for -65°C

F: FAN COOLING  
 W: WATER COOLING

3: 3 ZONE  
 2: 2 ZONE



## Application :

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.

## Features:

- 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

## Specification:

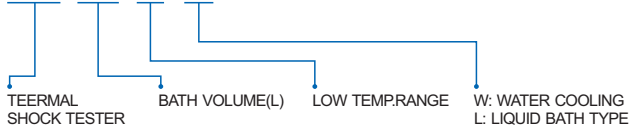
型号 Model	YTST-050	YTST-080	YTST-108	YTST-216	YTST-252
测试区尺寸 Test zone size W×H×D (cm)	36×35×40	50×40×40	60×40×45	60×60×60	70×60×60
外箱尺寸 External chamber size W×H×D (cm)	120×182×150	143×195×160	151×185×185	151×205×200	151×215×200
高温区温度范围 Hot zone temp. range	+80℃~+200℃				
低温区温度范围 Cold zone temp range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

# Liquid Type Thermal Shock Chamber



## MODEL NO.MEANING

YTST - XXX - XX - LW



## Application:

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.

## Features:

- 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

## Specification:

型号 Model	YTST-021	YTST-041
模式 Mode	浸没在液体浴中通过的样品篮的运动 DUT inside the test basket moves to left or right inside the baths	
内箱尺寸 Inner chamber size WxHxD (cm)	30×35×20 (2pcs)	45×35×26 (2pcs)
升温时间 Heating time	室温+10℃ ~ 150℃ < 75min RT+10℃ ~ 150℃ < 75 min	
降温时间 Cooling time	室温+10℃ ~ -60℃ < 80min RT+10℃ ~ -60℃ < 80min	
预冷温度范围 Precool temp range	-50℃ ~ 0℃	
预热温度范围 Preheat temp range	+60℃ ~ +150℃	
温度冲击范围 Temp shock range	-55℃ ~ 120℃	
测试时间 Test time	10分钟 10 mins	10分钟 10 mins
转换时间 Temp tranfer 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	非标要求可定制 Non-standard requirements is available	