

SINCE 1889



Customized Industrial Products

Product Catalog



Targeting Productivity Improvement

Yamato offers customization of products based on customer requirements



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Water Chiller

Large capacity, standard type

C1-001



■ Usage: cutting blade cooling of semiconductor packaging

- Significantly prolong life span of expensive cutting blade
- Effective capacity of main water tank is 375L
- Auto control of water inflow, supply, circulation and drainage
- Equipped with exhaust fan which vents heat outside of the unit
- Equipped with beacon, emergency stop switch, etc.
- Equipped with safety water level detection device, overheating protection of chiller, delayed start for chiller protection, over-current earth leakage circuit breaker, etc.

Model	C1-001
Temp. range	4~22°C (internal recycling)
Temp. adjustment accuracy	±1°C (at fluid temp. 7°C)
Temp. display unit	0.1°C
Chiller*refrigerant	Air cooling 2.2KW R407C
Circulating pump	Submerged multistage centrifugal pump
Circulating capacity	Max. flow (pump capacity): 24L/min(40L/min) Max. lift (pump capacity): 30m(50m)
Water tank material	PVC
Water tank effective capacity	375L
External dimension	W900xD1400xH1700mm
Power source	3 phase AC380V 6A

Water Chiller

Large capacity, narrow type

C1-002



■ Usage: cutting blade cooling of semiconductor packaging

- Significantly prolong the life span of expensive cutting blade
- Narrow design, space saving
- Effective capacity of main water tank is 200L
- Auto control of water inflow, supply, circulation and drainage
- Equipped with exhaust fan which vents heat outside of the unit
- Equipped with beacon, emergency stop switch, etc.
- Equipped with safety water level detection device, overheating protection of chiller, delayed start for chiller protection, over-current earth leakage circuit breaker, etc.

Model	C1-002
Temp. range	4~10°C (internal recycling)
Temp. adjustment accuracy	±1°C (at fluid temp. 7°C)
Temp. display unit	0.1°C
Chiller*refrigerant	Air cooling 2.2KW R407C
Circulating pump	Submerged multistage centrifugal pump
Circulating capacity	Max. flow (pump capacity): 24L/min(40L/min) Max. lift (pump capacity): 30m(50m)
Water tank material	PVC
Water tank effective capacity	200L
External dimension	W650xD1200xH1750mm
Power source	3 phase AC380V 6A

Curing Oven

2-chamber•4-chamber•6-chamber

C1-003



Usage: semiconductor packaging program segment, for resin curing

- Available in 2/4/6-chamber combinations (independent control for each chamber), space saving
- Horizontal convection
- Fast temperature rising and cooling, with program operation function
- Equipped with auto lock, N₂ flowmeter, temperature recorder, emergency stop switch, etc.
- Equipped with safety devices of auto overheat protector, overheat protector, abnormal N₂ pressure, abnormal N₂ flow, over-current earth leakage circuit breaker, etc.

Model	C1-003
Temp. range	40~260°C
Temp. adjustment accuracy	±5.0°C (at 175°C)
Temp. rising time	15min°C (50°C→175°C)
Temp. cooling time	30min (175°C→50°C)
Operation function	Fixed temp., program operation
Configuration	Air exhaust actuator, N ₂ introduction device, recorder, etc.
Internal dimension	W450xD520xH300mm (single chamber)
Power source	3 phase AC380V 6A

Curing Oven

Clean class 100, oxygen concentration 50ppm

C1-004



Usage: semiconductor packaging program segment, for resin curing

- Max. working temperature 360°C, clean class 100, oxygen concentration less than 50ppm
- Program operation function, auto / manual mode
- Fast temperature rising and cooling, and air cooling or air cooling + water cooling are available for cooling method
- Equipped with auto lock, digital pressure gauge, digital flowmeter, etc.
- Equipped with safety devices of auto overheat protector, overheat protector, abnormal N₂ pressure, abnormal N₂ flow, over-current earth leakage circuit breaker, etc.

Model	C1-004
Temp. range	Room temp. 30~360°C
Temp. adjustment accuracy	±4.0°C (at 360°C)
Temp. rising time	15min°C (Room temp.→360°C)
Temp. cooling time	60min (360°C→50°C)
Clean class	100 (at constant temp.)
HEPA filter	Dust collection efficiency: 0.3um particle more than 99.97%
Operation function	Fixed temp., program operation
Configuration	N ₂ introduction device, water cooling device, differential pressure gauge, etc.
Internal dimension	W660xD660xH500mm
Power source	3 phase AC380V

Forced Convection Constant Temperature Oven

Front and rear doors

C1-005



Usage: ageing treatment of electronic products

- Front and rear doors, recessed into the wall to ensure the cleanliness of the room
- Ramp to improve production efficiency
- Interlock function of two doors, prevent faulty operation
- Front and rear sides synchronously display all the operation status.
- Auto stop function
- Equipped with safety devices of auto overheat protector, overheat protector, over-current earth leakage circuit breaker, etc.

Model	C1-005
Temp. range	Room temp. +20°C ~180°C
Temp. distribution accuracy	±5.0°C (at 180°C)
Temp. rising time	100min (Room temp.→180°C)
Operation function	Fixed temp., auto stop operations
Configuration	Independent overheat protector, electromagnetic lock, etc.
Internal dimension	W1000×D1850×H2150mm
Power source	Single phase AC220V

Forced Convection Constant Temperature Oven

Combination type

C1-006



Usage: thermal treatment of products

- Use platform stands to combine one machine with several units to save space
- Equipped with set recorder (to record product temperature), timer and product running status indicator lamp
- Repositioned air exhaust ports (facing backwards) to accommodate overlapping set of product
- Each door is equipped with an electromagnetic lock
- Customized chamber dimensions
- Easy operation, available for fixed temperature, program, quick auto stop, auto stop and auto start operations
- Self-diagnostic circuit (abnormal temperature sensor, heater disconnection, auto overheat prevention, SSR short circuit), overheat protector, ELB to prevent overcurrent, key lock, etc.

Model	C1-006
Operating temp. range	Room temp. +10°C ~260°C
Temp. adjustment accuracy	±1.0°C (at 210°C)
Temp. distribution accuracy	±2.5°C (at 210°C)
Operation function	Fixed temp., program, auto stop and auto start operations
Additional function	Deviation correction, key lock, power outage compensation
Internal dimension	W700×D500×H500mm (single)
Power source	Single phase AC220V

Conveyor Drying Oven

Fully automatic

C1-007



■ Usage: thermal treatment during electronic component production process

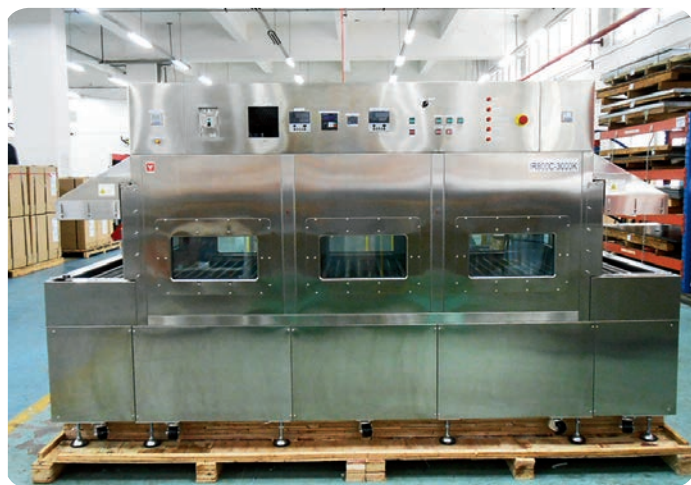
- Equipped with a conveyor to improve efficiency of the thermal treatment and is space saving
- Adjustable conveyor speed with the ability to set multiple treatment processes
- Program operation function
- Equipped with a frequency converter, beacon, infrared switch, etc.
- Equipped with safety devices of auto overheat protector, overheat protector, emergency stop switch, conveyor overload protection, over-current earth leakage circuit breaker, etc.

Model	C1-007
Temp. range	Room temp. +20~80°C
Temp. distribution accuracy	±10°C (at 80°C)
Temp. rising time	15min (Room temp.→80°C)
Operation function	Fixed temp., program operation
Conveyor speed	0.035-0.35m/min
Conveyor length	1100mm
Inlet and outlet dimension	W400×H65mm
Power source	3 phase AC380V

Conveyor Drying Oven

Fully automatic for high volume treatment

C1-008



■ Usage: products thermal treatment

- Set at the production line and can significantly improve production efficiency
- Fully automatic control
- Adjustable conveyor speed with the ability to set multiple treatment processes
- Program operation function
- Equipped with a frequency converter, beacon, cylinder, etc.
- Equipped with safety devices of auto overheat protector, overheat protector, emergency stop switch, conveyor overload protection, over-current earth leakage circuit breaker, etc.

Model	C1-008
Temp. range	Room temp. +20~120°C
Temp. distribution accuracy	±10°C (at 120°C)
Temp. rising time	15min (Room temp.→120°C)
Operation function	Fixed temp., program operation
Door open & close control	Cylinder
Conveyor length	3000mm
Inlet and outlet dimension	W800×H215mm
Power source	3 phase AC380V

Vacuum Drying Oven

Large capacity

DP83C/103C

Temp. range 40~200°C

Operating vacuum range 101~0.1kPa

Internal dimension 512L / 1000L

Large scale vacuum drying oven designed for treatment of large-sized parts



■ Features

- Vacuum pump can be installed inside the oven
- Quick connect / disconnect of vacuum pipes for easy vacuum pump maintenance
- Because the exhaust system is improved to significantly shorten the time to reach vacuum, working efficiency is improved
- Use specialized function menu key and up/down key to set. With program operation function, use submenu key to operate overheat protector, deviation correction, etc.

■ Safety

- Self-diagnosis circuit (abnormal temperature sensing, heater disconnection, auto overheat prevention, SSR short circuit), overheat protector, ELB to prevent overcurrent, key lock, etc.
- For safety, resin protection panel is installed at the observation window

■ Specifications

Model	DP83C	DP103C
Method	Decompressed chamber direct heating	
Operating temp. range	40~200°C	
Operating vacuum range	101~0.1kPa (760~1Torr)	
Temp. adjustment accuracy	±1.0°C (at 200°C)	
Interior material	Stainless steel plate	
Exterior material	Cold rolled steel plate with chemical proofing coating	
Insulating material	Glass fiber	
Heater power	6.5kW	14.4kW
Observation window	Toughened glass + resin protection panel	
Vacuum gauge	Pointer type, -100~0kPa	
Vacuum pump installation room	Yes	
Temp. control	3 segments PID	
Temp. setting	Use specialized function menu key and ▲/▼ key to set	
Temp. display	Measured temp. display: green 4-digit LED digital display	
	Setting temp. display: red 4-digit LED digital display	
Timer	1min-99 hr 59 min and 100 hr-999 hr 50 min (with time wait function)	
Operation function	Fixed temp. auto start, auto stop, program operation	
Program mode	Program operation 3 segments 30 steps (30 steps×1, 15 steps×2, 10 steps×3)	
Additional function	Deviation correction, key lock, power outage compensation	
Heater circuit control	SSR driving	
Sensor	K thermocouple (temp. controller and overheat protector)	
Safety device	Self-diagnostic circuit (abnormal temp. sensing, heater disconnection, auto overheat prevention, SSR short circuit), overheat protector, EBL to prevent overcurrent, key lock, etc.	
Internal dimensions (WxDxHmm)	800×800×800	1000×1000×1000
External dimensions (WxDxHmm)	1020×1020×1850	1300×1280×2110
Internal capacity	512L	1000L
Air exhaust port	NW40 flange	
Air suction port	Rc 3/8	
Power source (50/60Hz) rated current	AC220V 31.5A	3 phase AC380V 27A
Weight	~450kg	~1000kg
Included accessories	Stainless steel punching plates, 2 pcs.	Stainless steel punching plates, 4 pcs.
Optional accessories	Shelf plate, vacuum pump, N ₂ introduction device, recorder, alarm indicator lamp (stand-by/running/malfunction), external communication (RS485), temp. output terminal (4~20mA), Output terminal for external alarm, time up output terminal	

Vacuum Drying Oven

Fast temperature rising and cooling

C2-001



■ Usage: Battery manufacturing engineering, vacuum drying to remove moisture and solvent in the electrode material

- Fast temperature rising and cooling to improve production efficiency
- Auto/manual mode, at auto mode, the air exhaust, temperature rising, treatment, cooling, deflation are controlled automatically with one key operation
- Chamber wall and shelf plate heating, faster temperature rising time and improved temperature distribution accuracy
- Selectable "air cooling (air jacket) + air cooling (cooling line)" or "air cooling (air jacket) + water cooling (cooling line)" to significantly shorten cooling time
- Equipped with safety devices of auto overheat protector, overheat protector, abnormal N₂ pressure, abnormal N₂ flow, abnormal cylinder action, instant power outage protection, over-current earth leakage circuit breaker, etc.

Model	C2-001
Method	Decompression • chamber wall and shelf plate heating
Operating temp. range	Room temp. +30~250°C
Operating vacuum range	101~0.1kPa
Temp. rising time	~75min (Room temp.→185°C)
Temp. cooling time	~90min (185°C→50°C)
Temp. adjustment accuracy	±1°C (at 185°C)
Temp. distribution accuracy	±10°C (at 185°C)
Internal dimension	W600xD600xH600mm (single chamber)
Power source	3 phase AC380V 6A

Vacuum Drying Oven

Far-infrared heating, fast temp. rising and cooling

C2-002



■ Usage: Battery manufacturing engineering, vacuum drying to remove the moisture and solvent in the electrode material

- Fast temperature rising and cooling to improve production efficiency
- Auto/manual mode, at auto mode, the convection, air exhaust, temperature rising, treatment (repeatedly air suction and exhaust in process), cooling, deflation are controlled automatically, ability to edit various production programs with one key operation
- Adopt far-infrared heating tube to heat, condenser with fin (cooling water) to cool, and use the forced convection structure, fast temperature rising and cooling time
- Equipped with door detection switch, automatic door locks, door leak detection oxygen concentration meter, chamber oxygen concentration meter, pirani vacuum gauge, etc.
- Equipped with safety devices of auto overheat protector, overheat protector, abnormal N₂ pressure, abnormal oxygen concentration, abnormal cooling water, instant power outage protection, over-current earth leakage circuit breaker, etc.

Model	C2-002
Method	Decompression • chamber wall and shelf plate heating
Operating temp. range	Room temp. +10~200°C
Operating vacuum range	101kPa~1Pa
Temp. rising time	~90min (Room temp.→185°C)
Temp. cooling time	~90min (185°C→50°C)
Temp. adjustment accuracy	±1°C (at 185°C)
Temp. distribution accuracy	±5°C (at 185°C)
Internal dimension	W700xD1250xH700mm (single chamber)
Power source	3 phase AC380V

Vacuum Drying Oven

2-chamber, temperature & vacuum auto control

C2-003



■ Usage: vacuum drying of electrode materials

- Upper and lower chamber designed with independent control for each chamber, space saving Auto / manual modes available
- When program is running, automatic program running of vacuum pump linkage can be carried out
- Easy operation, available for fixed temperature, program, quick auto stop, auto stop and auto start operations
- Use submenu key to operate overheat protector, deviation correction and key lock
- Self-diagnostic circuit (abnormal temperature sensing, heater disconnection, auto overheat prevention, SSR short circuit), overheat protector, ELB to prevent overcurrent, key lock, etc.

Model	C2-003
Method	Decompression • chamber wall heating
Operating temp. range	40~200°C
Operating vacuum range	101~0.1kPa
Max. temp. reaching time	~120min (Room temp.→200°C)
Temp. adjustment accuracy	±1°C (at 200°C)
Internal dimension	W450xD450xH450mm (single chamber) W600xD600xH600mm (single chamber)
Power source	Single phase AC220V

Vacuum Drying Oven

Temp. range 200°C/300°C/400°C, fully automatic program control

C2-004



■ Usage: vacuum drying of electrode materials

- Optional max. temperature settings 200°C/300°C/400°C
- According to technical requirements, able to run complex programs
- Equipped with pirani vacuum gauge
- N₂ or air is available to be selected for air suction, air suction speed is adjustable
- Self-diagnostic circuit (abnormal temperature sensing, heater disconnection, auto overheat prevention, SSR short circuit), overheat protector, ELB to prevent overcurrent, etc.

Model	C2-004		
Method	Decompression • chamber wall heating		Decompression • internal heating
Operating temp. range	40~200°C	40~300°C	40~400°C
Operating vacuum range	101~0.1KPa		
Temp. rising time	~80min (Room temp.→200°C)	~120min (Room temp.→300°C)	~60min (Room temp.→400°C)
Temp. adjustment accuracy	±1°C		
Configuration	Pirani vacuum gauge		
Internal dimension	4 type: W450xD450xH450mm 6 type: W600xD600xH600mm		
Power source	Single phase AC220V		

Auto Clave

Standard type

YYK500/750/800/900

Temp. range

Room temp.
+10~70°C

Max. operating
pressure

0.9MPa

Internal
dimension

Φ500×850mm

Φ750×1100mm

Φ800×1100mm

Φ900×1300mm

Used to remove the residual air bubbles after affixing polarizer in LED production.



Operation and features

- No temperature overshoot, precision temperature uniformity available
- 4 step working procedures:
 - (1) Preheat: temperature rising, no pressurizing
 - (2) Pressurizing: holding temperature, pressurizing
 - (3) Deaeration: holding temperature, deaerating
 - (4) End: temperature cooling, pressure dropping
- Adjustable air suction and exhaust speed
- Customized chamber dimensions

Safety features

- Door open / close detection, door lock / unlock detection, higher pressure alarm, air inlet pressure detection, safety valve, independent overheat protector, ELB to prevent over-current

Specifications

Model	YYK500	YYK750	YYK800	YYK900
Method	Heating + pressurizing			
Specifications	Class-1 pressure container (AQSIQ pressure container verification)			
Operating temp. range	Room temp. 10~70°C			
Operating pressure range	0.101~0.9MPa			
Temp. distribution accuracy	±3°C (at 50°C)			
Max. temp. reaching time	Within 15min (adjustable)			
Max. pressure reaching time	Within 20min (adjustable)			
Internal dimension (effective)	ø500mm×850Lmm	ø750mm×1100Lmm	ø 800mm×1100Lmm	ø900mm×1300Lmm
Material	SUS304 stainless steel, internal polishing			
Max. operating pressure	0.9MPa			
Hydraulic test pressure	1.35MPa			
Medium	Dry air (pressure: working pressure +0.05MPa or higher)			
Opening / closing system	Manual clutch easy to operate			
Pressurizing system	Controlled by pressure controller			
Heating system	PID control			
Stirring system	Stirred by centrifugal fan (Water-Cooling is not required for shaft seal, free-maintenance)			
Control system	PLC control			
Pressure gauge	Pressure range: 0 to 1.0MPa, accuracy: ±1% (with upper limit alarm contact)			
Temp. controller	Digital setting and display, PID control			
Pressure controller	Digital setting and display, ON/OFF control			
Working timer	Time range: 99 hr 59min, Digital setting and display,			
Temp. sensor output	5 groups of K thermocouple output terminals			
Safety features	Door open / close detection, door lock / unlock detection, higher pressure alarm, air inlet pressure detection, safety valve, motor overheating protection, independent overheat protector, ELB to prevent over-current			
External dimensions (W×D×Hmm)	1000×1656×1546	1200×1957×1781	1250×2057×1806	1400×1950×2232
Air suction port	15A (internally equipped with air filter and oil mist separator)			
Air exhaust port	20A (manual and auto exhaust, equipped with silencer)			
Power source (50/60Hz) rated current	3 phase AC380V 7A	3 phase AC380V 8A	3 phase AC380V 9A	3 phase AC380V 12A
Weight	~700kg	~900kg	~1000kg	~1300kg

LCD Ageing Oven

Drawer type

C3-001



■ Usage: power-on ageing test after assembling LCD panel

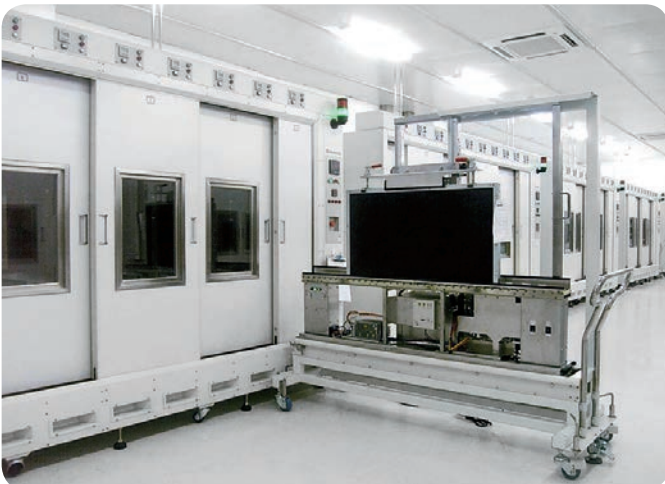
- Vertical drawer design, easy operation and space saving
- Apply to LCD panel less than 45 inches
- Each drawer adopts independent enclosed design, able to pull out at any time to observe LCD panel ageing state or replacement and will not impact temperature fluctuation of other drawers
- Adjustable ventilation speed
- Drawer quantity could be customized according to customer requirements
- Equipped with safety devices of auto overheat protector, overheat protector, blower overheating protection, over-current earth leakage circuit breaker, etc.

Model	C3-001
Operating temp. range	50~60°C
Temp. adjustment accuracy	±0.5°C (at 60°C)
Temp. distribution accuracy	±5°C (at 60°C)
Max. temp. reaching time	Within 30min (Room temp.→60°C)
Operation function	Fixed temp. operation, instant power outage operation recovering function
LCD size	Less than 45 inch
Drawer quantity	Customized
Power source	3 phase AC380V

LCD Ageing Oven

Cart push-in type

C3-002



■ Usage: power-on ageing test after assembling large-size LCD panel

- Tracks are installed inside chamber, easy for the ageing cart to be pushed in integrally
- Apply to 32-50 inch LCD panel
- The cart and unit body adopt collector electrode for power supply, easy and reliable
- Sliding door design, the cart can move in or out quickly
- Adjustable ventilation speed
- The holding quantity of cart can be customized according to customer requirements
- Equipped with safety devices of auto overheat protector, overheat protector, blower overheating protection, cart arrival detector switch, over-current earth leakage circuit breaker, etc.

Model	C3-002
Operating temp. range	40~60°C
Temp. adjustment accuracy	±0.5°C (at 60°C)
Temp. distribution accuracy	±5°C (at 60°C)
Max. temp. reaching time	Within 30min (Room temp.→60°C)
Operation function	Fixed temp. operation, instant power outage operation recovering function
LCD size	32~50 inch
Drawer quantity	Customized
Power source	3 phase AC380V

Clean Oven

Clean class 1000

C3-003



■ Usage: thermal treatment of special materials

- Clean class 1000
- Equipped with running alarm lamp
- Easy operation, available for fixed temperature, program, quick auto stop, auto stop and auto start operations
- Self-diagnostic circuit (abnormal temperature sensing, heater disconnection, auto overheat prevention, SSR short circuit), overheat protector, ELB to prevent overcurrent, key lock, etc.

Model	C3-003
Method	Forced convection plate heating
Operating temp. range	Room temp. +10~260°C
Temp. adjustment accuracy	±1°C (at 210°C)
Temp. distribution accuracy	±2.5°C (at 210°C)
Operation function	Fixed temp., program, auto stop and auto start operations
Additional function	Deviation correction, key lock, power outage compensation
Internal dimension	W600xD500xH1000mm
Power source	3 phase AC380V 6A

Clean Oven

Clean class 100

C3-004



■ Usage: drying and storage of special materials

- Clean class 100
- Exhaust speed adjustable, able to dry and store materials containing water
- Easy operation, available for fixed temperature, quick auto stop, auto stop and auto start operations
- Able to set overheat protection, deviation correction and key lock
- Self-diagnostic circuit (abnormal temperature input), power outage compensation, deviation correction, independent overheat protector, ELB to prevent overcurrent, etc.

Model	C3-004
Operating temp. range	Room temp. +10~150°C
Temp. adjustment accuracy	±0.5°C (at 150°C)
Temp. distribution accuracy	±5°C (at 150°C)
Max. temp. reaching time	Within 50min. (Room temp.→150°C)
Clean class	100 (at constant temp.)
HEPA filter	Dust collection efficiency: 0.3um particle more than 99.97%
Operation function	Fixed temp., quick auto stop, auto stop and auto start operations
Internal dimension	W500xD450xH1050mm
Power source	Single phase AC220V

Vacuum Drying Oven

Oxygen concentration, humidity monitoring

C4-001



Usage: vacuum storage of special materials

- Equipped with oxygen concentration meter and humidity sensor, real-time measurement of the oxygen concentration and humidity in the chamber
- Lock is installed at the door
- Equipped with safety devices of auto overheat protector, abnormal N₂ pressure, abnormal oxygen concentration meter, over-current earth leakage circuit breaker, etc.

Model	C4-001
Method	Decompression • chamber wall heating
Operating temp. range	40~240°C
Operating vacuum range	101~0.1kPa
Temp. rising time	~60min (Room temp.→240°C)
Temp. adjustment accuracy	±1.5°C (at 185°C)
Configuration	Oxygen concentration meter, humidity sensor
Internal dimension	W300xD300xH300mm
Power source	Single phase AC220V

Forced Convection Constant Temperature Oven

Adjustable air speed

C4-002



Usage: mould preheating

- Equipped with air speed adjusting knob to change air speed
- Double doors, with large observation windows
- Easy operation, available for fixed temperature, program, quick auto stop, auto stop and auto start operations
- Self-diagnostic circuit (abnormal temperature sensing, heater disconnection, auto overheat prevention, SSR short circuit), overheat protector, ELB to prevent overcurrent, key lock, etc.

Model	C4-002
Operating temp. range	Room temp.+10~150°C
Temp. adjustment accuracy	±1°C (at 150°C)
Temp. distribution accuracy	±5°C (at 150°C)
Operation function	Fixed temp., program, auto stop and auto start operations
Additional function	Deviation correction, key lock, power outage compensation
Internal dimension	W800xD600xH1265mm
Power source	Single phase AC220V

Forced Convection Constant Temperature Drying Oven

Cart move-in type

C4-003



■ Usage: thermal treatment of materials

- Cart is moved in or out integrally to improve production efficiency
- Program operation function
- Manually adjust the exhaust port to reach required ventilation volume (max. 100 times/hr)
- Fluoro rubber sealing strip
- Equipped with safety devices of auto overheat protector, overheat protector, over-current earth leakage circuit breaker, etc.

Model	C4-003
Temp. range	Room temp. +20~120°C
Temp. distribution accuracy	±2.0°C (at 120°C)
Temp. rising time	50min (Room temp.→120°C)
Ventilation volume	Max. 100 times/hr
Operation function	Fixed temp., program operations
Configuration	Independent overheat protector, beacon, manual air exhausting device
Internal dimension	W700xD700xH1200mm
Power source	Single phase AC220V

Forced Convection Constant Temperature Oven

Cart push-in type

C4-004



■ Usage: conduct drying treatment after surface coating of parts

- Cart is pushed in integrally to conduct drying treatment and improve production efficiency
- Equipped with running alarm lamp, and manually adjust the exhaust port
- Easy operation, available for fixed temperature, program, quick auto stop, auto stop and auto start operations
- Self-diagnostic circuit (abnormal temperature sensing, heater disconnection, auto overheat prevention, SSR short circuit), overheat protector, ELB to prevent over-current, key lock, etc.

Model	C4-004
Operating temp. range	Room temp. +20~150°C
Temp. adjustment accuracy	±1°C (at 150°C)
Temp. distribution accuracy	±2.5°C (at 150°C)
Operation function	Fixed temp., program, auto stop and auto start operations
Additional function	Deviation correction, key lock, power outage compensation
Internal dimension	W820xD820xH1370mm
Power source	Single phase AC220V

Ageing Test System

Single temperature zone

C4-005



■ Usage: parts power-on ageing test.

- Combine with customer's parts to form an integrated test system.
- Single temperature zone control.
- Easy operation, available for fixed temperature, program, quick auto stop, auto stop and auto start operations.
- Self-diagnostic circuit (abnormal temperature sensing, heater disconnection, auto overheat prevention, SSR short circuit), overheat protector, ELB to prevent overcurrent, key lock, etc..

Model	C4-005
Method	Forced convection circulation
Operating temp. range	Room temp. 10~260°C
Temp. adjustment accuracy	±1.0°C (at 210°C)
Temp. distribution accuracy	±2.5°C (at 210°C)
Operation function	Fixed temp., program, auto stop and auto start operations
Additional function	Deviation correction, key lock, power outage compensation
Internal dimension	W600xD500xH1000mm
Power source	Single phase AC220V

Ageing Test System

Multiple temperature zone

C4-006



■ Usage: parts power-on environment test

- Combine with customer's parts to form an integrated test system
- Multiple temperature zone control
- Easy operation, available for fixed temperature, program, quick auto stop, auto stop and auto start operations
- Self-diagnostic circuit (abnormal temperature sensing, heater disconnection, auto overheat prevention, SSR short circuit), overheat protector, ELB to prevent overcurrent, key lock, etc.

Model	C4-006
Method	Forced convection circulation
Operating temp. range	Room temp. 10~100°C
Temp. adjustment accuracy	±1.0°C (at 100°C)
Temp. distribution accuracy	±2.5°C (at 100°C)
Operation function	Fixed temp., program, auto stop and auto start operations
Additional function	Deviation correction, key lock, power outage compensation
Internal dimension	Each temp. zone W710xD460xH140mm
Power source	Single phase AC220V

Coater

Automatic control

C4-007



■ Usage: assembly line equipment of small parts from coating to drying

- Coating room + conveyor drying oven + air exhaust system
- Anti-explosion structure and fire proof door
- Adjustable speed range 300-600mm/min
- Equipped with safety devices of abnormal temperature sensing, heater disconnection, overheat protector, abnormal air blowing and exhausting, abnormal conveyor, fire proof door, ELB to prevent overcurrent, etc.

Model	C4-007
Method	Forced convection circulation
Operating temp. range	80~100°C
Temp. adjustment accuracy	±1°C (at 100°C)
Conveyor	Stainless steel Speed 300-600mm/min
Exhausting method	Forced exhaust of centrifugal fan
Coating space	Auto-manual system
Power source	3 phase A380V

Forced Convection Constant Temperature Drying Oven

Large walk-in type

C4-008



■ Usage: drying treatment of special materials

- Large walk-in type
- Double door structure, anti lock mechanism
- Easy operation, available for fixed temperature, program, quick auto stop, auto stop and auto start operations
- Self-diagnostic circuit (abnormal temperature sensing, heater disconnection, auto overheat prevention, SSR short circuit), overheat protector, ELB to prevent overcurrent, key lock, etc.

Model	C4-008
Method	Forced convection circulation
Operating temp. range	Room temp. +10~100°C
Temp. adjustment accuracy	±1°C (at 100°C)
Temp. distribution accuracy	±5°C (at 100°C)
Operation function	Fixed temp., program, auto stop and auto start operations
Additional function	Deviation correction, key lock, power outage compensation
Internal dimension	W3500xD3500xH3000mm
Power source	3 phase AC380V

SINCE 1889

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