



## Feature

### Dust-Free Gravity-Flow Convection

ideal for drying, conditioning, sterilizing and quality control even the most laboratory application temperature between ambient +5°C to 250°C at maximum

### Digital PID Control

membrane type touch keypad provides precision temperature control, timer, alarm, auto-tuning. (Option : automatic on/off function)

### Safety and Convenience

over temperature and current protection, leakage breaker ensure user safety and adjustable sliding rack

### Rapid Heat up 25 min up to 250°C

### Digital Timer built-in Controller provide a efficient and convenient use and operation

MODEL		LDO-030E	LDO-060E	LDO-100E
Dimensions (WxDxHmm)	Inner	350 x 320 x 320	400 x 350 x 400	500 x 400 x 500
	Outer	495 x 470 x 690	545 x 500 x 770	645 x 550 x 870
Capacity		35ℓ	56ℓ	100ℓ
Temperature	Range	Ambient +5 to 250°C		
	Set Accuracy	±1.0°C		
	Uniformity	±3.0°C at 120°C		
Heater		1kW	1.5kW	2kW
Convection		Natural Convection		
Controller		PID Multi-Function Controller, Alarm, Auto tuning		
Timer		Automatic timer 0-99min, 99hr, continuous		
Material	Interior	Stainless Steel		
	Exterior	Epoxy powder coated steel		
Shelves		Adjustable 2 or 3 Shelves		
Insulation		Glass Wool		
Safety		Over Heat Protector Over Current & Leakage Breaker		
Electric Supply		110V, 60Hz or 220V, 50/60Hz		

Custom made order is available  
Specifications can be changed without prior notice for quality improvement.

# Natural Convection Oven



**One Touch Door Lid**



Certified

## Feature

### Digital PID Control

membrane type touch keypad provides precision temperature control, timer, alarm, auto-tuning.

### Tempered Safety Glass Window

for easy sample view without door opening


### Dust-Free Gravity-Flow Convection

gentle drying up to 250°C max

### Safety and Convenience

over temperature and current protection, leakage breaker ensure user safety and adjustable sliding rack

MODEL		LDO-030N	LDO-080N	LDO-150N	LDO-250N
Dimensions (WxDxHmm)	Inner	350 x 300 x 300	500 x 400 x 400	600 x 500 x 500	700 x 600 x 600
	Outer	520 x 444 x 666	650 x 547 x 790	750 x 645 x 890	850 x 745 x 990
Capacity		32ℓ	80ℓ	150ℓ	252ℓ
Temperature	Range	Ambient +5 to 250°C			
	Set Accuracy	±1.0°C			
	Uniformity	±3.0°C at 120°C			
Heater		1kW	1.5kW	2kW	3kW
Display		LED 4 Digits Display			
Controller		PID Multi-Function Controller, Alarm, Auto tuning			
Timer		99min 59sec. / 99hr 59 min / 99days 23hours / Continuous Selectable			
Material	Interior	Stainless Steel			
	Exterior	Epoxy powder coated steel			
Shelves		Adjustable 2 or 3 Shelves			
Door		Tempered Glass Window with Silicone Packing (Model without Glass Door Available)			
Insulation		Ceramic and Glass Wool			
Safety		Over Heat Protector Over Current & Leakage Breaker			
Electric Supply		110V, 60Hz or 220V, 50/60Hz			

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# Forced Convection Oven

- ❑ Membrane Type Keypad
- ❑ Mechanical Forced Flow Convection
- ❑ Microprocessor PID Temperature Control up to 250°C Digital Set and Readout
- ❑ Ideal for Baking, Drying, Conditioning and sterilizing
- ❑ Optional RS-485 Communication Interface
- ❑ Tempered Safety Glass Window
- ❑ Silent Fan Motor



## Feature

### Forced Convection Type Oven

ideal for baking, drying, conditioning, sterilizing and quality control even the most critical laboratory application temperature between ambient +5°C to 250°C

### Digital PID Control

membrane type touch keypad provides precision temperature control, timer, alarm, auto-tuning.

### Perforated Stainless Steel Shelf

is available for an optional order.


### Tempered Safety Glass Window

for easy sample view without door opening

### Safety and Convenience

over temperature and current protection, Leakage Breaker ensure user safety and adjustable sliding rack, silent fan motor, fan motor automatically stops when door is opened

MODEL		LDO-080F	LDO-150F	LDO-250F
Dimensions (WxDxHmm)	Inner	400 x 400 x 500	500 x 500 x 600	600 x 600 x 700
	Outer	550 x 650 x 850	650 x 750 x 950	750 x 855 x 1050
Capacity		80ℓ	150ℓ	252ℓ
Temperature	Range	Ambient +5 to 250°C		
	Set Accuracy	±1.0°C		
	Uniformity	±1.0°C at 120°C		
Heater		1.5kW	2kW	3kW
Controller		PID Multi-Function Controller(Optional Programmable Controller)		
Display		LED 4 Digit Display		
Timer		99min 59sec / 99hr 59min / 99days 23hours / Continuous Selectable		
Material	Interior	Stainless Steel		
	Exterior	Epoxy powder coated steel		
Hot Air Circulation		Blower with Sirocco Fan		
Shelves		Adjustable 2 or 3 Shelves		
Door		Tempered Glass Window with Silicone Packing		
Insulation		Ceramic and Glass Wool Board		
Safety		Over Heat Protector Over Current & Leakage Breaker		
Electric Supply		110V, 60Hz or 220V, 50/60Hz		

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# Upright Convection Oven

- ❑ Microprocessor PID Temperature Control up to 250°C Digital Set and Readout
- ❑ Membrane Type Keypad
- ❑ Tempered Safety Glass Window
- ❑ Ideal for Large Volume Baking Electronic Parts Drying, Conditioning and Sterilizing
- ❑ Mechanical Forced Flow Convection
- ❑ Silent Fan Motor
- ❑ Optional RS-485 Communication Interface

## Feature

### Large Volume Forced Convection

ideal for baking electronic parts, drying, conditioning, sterilizing and quality control even the most critical laboratory application temperature between ambient +5°C to 250°C

### Digital PID Control

membrane type touch keypad provides precision temperature control, timer, alarm, auto-tuning.

### Perforated Stainless Steel Shelf

is available for an optional order.




### Tempered Safety Glass Window

for easy sample view without door opening

### Safety and Convenience

over temperature and current protection, leakage breaker ensure user safety and adjustable sliding rack, silent fan motor, fan motor automatically stops when door is opened

MODEL		LDO-180F	LDO-360F	LDO-630F
Dimensions (WxDxHmm)	Inner	400 x 450 x 1000	600 x 600 x 1000	700 x 700 x 1300
	Outer	550 x 750 x 1560	750 x 900 x 1560	850 x 1000 x 1860
Capacity		183ℓ	360ℓ	637ℓ
Temperature	Range	Ambient +5 to 250°C		
	Set Accuracy	±1.0°C		
	Uniformity	±2.0°C at 120°C		
Heater		2kW	3kW	4kW
Controller		PID Multi-Function Controller (Optional Programmable Controller)		
Display		LED 4 Digit Display		
Timer		99min 59sec / 99hr 59min / 99days 23hours / Continuous Selectable		
Material	Interior	Stainless Steel		
	Exterior	Epoxy powder coated steel		
Hot Air Circulation		Blower with Sirocco Fan		
Shelves		Adjustable 3 or 5 Shelves		
Door		Tempered Glass Window with Silicone Packing		
Insulation		Ceramic and Glass Wool Board		
Safety		Over Heat Protector Over Current & Leakage Breaker		
Electric Supply		110V, 60Hz or 220V, 50/60Hz		

 Custom made order is available  
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- ❑ Microprocessor PID Temperature Control up to 350°C Digital Set and Readout
- ❑ Membrane Type Keypad
- ❑ Optional Tempered Safety Glass Window
- ❑ Ideal for High Temperature Baking, Drying, Conditioning and sterilizing
- ❑ Mechanical Forced Flow Convection
- ❑ Optional RS-485 Communication Interface

## Feature

### Hi-Temperature Forced Convection

ideal for baking, drying, conditioning, sterilizing and quality control even the most critical laboratory application temperature needs high temperature up to 350°C

### Digital PID Control


membrane type touch keypad provides precision temperature control, timer, alarm, auto-tuning.

### Safety and Convenience

over temperature and current protection, leakage breaker ensure user safety and adjustable sliding rack, silent fan motor.



MODEL		LDO-080T	LDO-150T	LDO-250T
Dimensions (WxDxHmm)	Inner	500 x 400 x 400	600 x 500 x 500	700 x 600 x 600
	Outer	635 x 590 x 850	750 x 697 x 940	850 x 795 x 1052
Capacity		80ℓ	150ℓ	252ℓ
Temperature	Range	Ambient +5 to 350°C		
	Set Accuracy	±1.0°C		
	Uniformity	±2.0°C at 200°C		
Heater		2kW	3kW	4kW
Controller		PID Multi-Function Controller(Optional Programmable Controller)		
Display		LED 4 Digit Display		
Timer		99min 59sec / 99hr 59min / 99days 23hours / Continuous Selectable		
Material	Interior	Stainless Steel		
	Exterior	Epoxy powder coated steel		
Hot Air Circulation		Blower with Sirocco Fan		
Shelves		Adjustable 2 or 3 Shelves		
Insulation		Ceramic and Glass Wool		
Safety		Over Heat Protector Over Current & Leakage Breaker		
Electric Supply		110V, 60Hz or 220V, 50/60Hz		

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# Vacuum Drying Oven



## Feature

### Ideal for Fine Vacuum

Vacuum embedding, moisture testing and desiccating, temperature up to 250°C and maintain 760mmHg (0 Torr) vacuum

### Tempered Safety Glass Window

and 3&4 mm Thick stainless steel chamber and heat resistant silicone packing door

### Vacuum & Vent Valve

and safety 3-way valve, slow vacuum relief prevents powdered sample scattering

### Seamless Silicone Packing

Designed and produced with technical structure by large mold ensure excellent vacuum condition

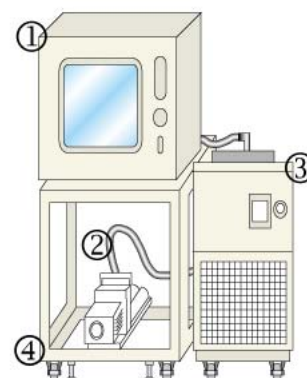
### Digital PID Control

Provides Precision temperature control, timer, alarm, auto-tuning.

### Safety and Convenience

Over temperature and over current protection, Leakage Breaker ensure user safety

### Application(Full Option)



- ① Vacuum Drying Oven
- ② Vacuum Pump
- ③ Cold Trap [p.14]
- ④ Vacuum Pump Rack

Program Controller Model		LVO-2031P	LVO-2041P	LVO-2051P
Digital Controller Model		LVO-2030	LVO-2040	LVO-2050
Dimensions (WxDxHmm)	Inner	300 x 300 x 300	400 x 400 x 400	500 x 500 x 500
	Outer	730 x 455 x 553	830 x 555 x 660	930 x 660 x 757
Capacity		27ℓ	64ℓ	125ℓ
Heater		1.5kW	2.5kW	3kW
Controller		Digital PID Multi-Function Controller		
Display		LED 4 Digit Display		
Timer		99min 59sec / 99hr 59min / 99days 23hours / Continuous Selectable		
Temperature	Range	Ambient +5 to 250°C		
	Set Accuracy	±0.1°C		
	Uniformity	±3.0°C at 120°C		
Vacuum		10 ~ 760 mmHg		
Material	Inner	Stainless Steel 3 & 4 mm Thickness		
	Outer	Epoxy powder coated steel		
Door		Tempered Glass Window with Silicone Packing		
Safety		Over Heat Protector Over Current & Leakage Breaker		
Electric Supply		110V, 60Hz or 220V, 50/60Hz		

\* Vacuum Pump should be ordered separately



Custom made order is available  
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# Jumbo Vacuum Drying Oven

## Large Chambers in Fine Vacuum Technology

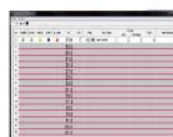
- ❑ Ideal for Fine Vacuum Drying in High Efficiency  
Vacuum pressure from 10 to 760 Torr
- ❑ Precision mechanism of Vacuum Chamber Structure and Flange Surface with mechanical seal
- ❑ Microprocessor PID Temperature Control up to 200°C
- ❑ Heavy duty stainless steel chamber & durable exterior
- ❑ Easy to move and install with Foot master caster
- ❑ Safety and convenience with sliding lack shelf



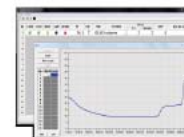
### Programmable Controller(Optional PC Interface)



10 Step Microprocessor PID Program Controller RS-232/485 PC Interface



Monitoring 16 Channel Connected into 1 Computers with Labtech Hub Software



Graphic monitoring for step programmed process of time and temperature on reel-time

MODEL		LVO-3060	LVO-3070	LVO-3080	LVO-3090	LVO-3100
Dimensions	Inner	600 x 600 x 600	700 x 700 x 700	800 x 800 x 800	900 x 900 x 900	1000 x 1000 x 1000
	Outer (W x D x H mm)	950 x 800 x 900	1050 x 900 x 1000	1150 x 1000 x 1100	1250 x 1100 x 1200	1350 x 1200 x 1300
Capacity		216ℓ	343ℓ	512ℓ	729ℓ	1000ℓ
Heater		6kW	2kW	7kW	8kW	10kW
Vacuum Pump (Option)		500ℓ/min	600ℓ/min	700ℓ/min	1500ℓ/min	1500ℓ/min
Controller		Microprocessor PID Program Controller with alarm system				
Display		4 Digit LED Display				
Timer		99min 59 sec. / 99hr 59 min / 99 days 23 hours / Continuous Selectable				
Temperature	Range	Ambient +5°C to 200°C				
	Set Accuracy	± 1.0°C				
	Uniformity	± 3.0°C at 120°C				
Vacuum		10 ~ 760 mmHg (10~760 Torr, 0 ~0.1 Mpa)				
Material	Interior	Stainless Steel, Thickness 5 to 10 mm depends on model and vacuum pressure				
	Exterior	Epoxy powder coated EGI Steel				
Door		Heavy-duty solid door with Thermally & Physically Safety Tempered Glass Windows				
Safety		Over current & leakage breaker, Hi-Low temp protector				
Electric Supply		220V or 380V 3 Ph 4 line, 50/60Hz				


# Clean Air Oven

## Class 100 Hi-Clean Oven

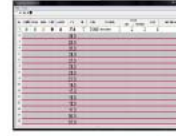


- ❑ High efficiency, High clean Mechanism
- ❑ Rapid heat-up time 30 minutes to 250°C
- ❑ Class 100 High Temp, HEPA Filter
- ❑ Filtered air supply and ventilation
- ❑ Forced air circulation by sirocco fan
- ❑ Fully equipped with safety device
- ❑ Complete sealed stainless steel chamber
- ❑ Application : Semiconductor, Electronics, Optics, Pharmaceuticals
- ❑ 10 Step program temperature and time, 999 cycle
- ❑ Microprocessor PID program controller with alarm system
- ❑ Real time monitoring data logging with PC Software system

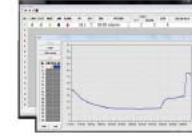
**Programmable Controller (Optional PC Interface)**



10 Step Microprocessor  
PID Program Controller  
RS-232/485 PC Interface




Monitoring 16 Channel  
Connected into 1 Computers  
with Labtech Hub Software



Graphic monitoring for step  
programmed process of time  
and temperature on reel-time

MODEL		LCO-3050H	LCO-3150H	LCO-3250H	LCO-3350H
Dimensions	Inner	600 x 500 x 600	600 x 530 x 950	800 x 700 x 1000	1000 x 800 x 1000
	Outer (W x D x H mm)	830 x 950 x 1660	830 x 980 x 1860	1030 x 1150 x 1910	1230 x 1250 x 1910
Capacity		180ℓ	300ℓ	560ℓ	800ℓ
Heater		2kW	3kW	4.5kW	6kW
Controller		Microprocessor PID Program Controller with alarm system			
Display		LCD Back Light PV & SV Display			
Temperature	Range	Ambient +5°C to 250°C			
	Set Accuracy	± 1.0°C			
	Uniformity	± 2.0°C at 120°C			
Air filtration		HEPA Filter class 100 for high temperature			
Verification		Timer operated verification system			
Material	Interior	Stainless steel			
	Exterior	Epoxy powder coated EGI Steel			
Gas inlet device		N2 gas inlet device (option)			
Safety		Over current & leakage breaker, Hi-Low temp protector			
Electric Supply		220V or 380V 3 Ph 4 line, 50/60Hz			

 Custom made order is available  
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# Forced Convection Oven I

## Large Capacity Forced Air Convection Drying Oven

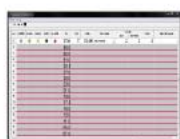
- ❑ Microprocessor PID Temperature Control up to 250°C
- ❑ High precision temperature uniformity and re-productivity
- ❑ Rapid heat-up time to 250°C within 30 minutes
- ❑ Heavy duty stainless steel
- ❑ Safety and convenience with sliding lack shelf



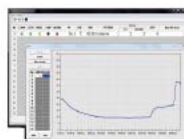
### Programmable Controller (Optional PC Interface)



10 Step Microprocessor PID Program Controller  
RS-232/485 PC Interface



Monitoring 16 Unit  
Connected into 1 Computers  
with Labtech Hub Software



Graphic monitoring for step  
programmed process of time  
and temperature on reel-time

MODEL		LFO-1050	LFO-1150	LFO-1250
Dimensions (W x D x H mm)	Inner	900 x 600 x 900	1000 x 800 x 1200	1200 x 900 x 1300
	Outer	1400 x 850 x 1200	1500 x 1050 x 1600	1700 x 1150 x 1700
Capacity		486ℓ	960ℓ	1404ℓ
Heater		4.5kW	7kW	9kW
Controller		Microprocessor PID Program Controller with alarm system		
Display		4 Digit LED Display		
Timer		99min 59 sec. / 99hr 59 min / 99 days 23 hours / Continuous Selectable		
Temperature	Range	Ambient + 5°C to 250°C		
	Set Accuracy	± 1.0°C		
	Uniformity	± 3.0°C at 150°C		
Material	Interior	Stainless Steel		
	Exterior	Epoxy powder coated EGI Steel		
Insulation		Glass Wool, thickness 80 mm		
Door		Solid dual door with air tight silicone packing		
Safety		Over current & leakage breaker, Hi-Low temp protector		
Circulation Fan Motor		200W	200W	400W
Perforated stainless steel Shelves		4 EA	6 EA	8 EA
Electrical Supply		220V or 380V 3 Ph 4 line, 50/60Hz		



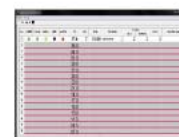
## LFC Industrial Oven

- Microprocessor PID Temperature Control up to 250°C
- High precision temperature uniformity and re-productivity
- Rapid heat-up time to 250°C within 30 minutes
- Heavy duty stainless steel chamber & durable exterior
- Easy to move and install with Foot master caster
- Built-in exhausted air damper from Dia 75 mm to 100 mm
- Safety and convenience with sliding lack shelf
- Optional N2 gas inlet device

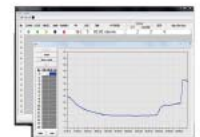
### Programmable Controller(Optional PC Interface)



10 Step Microprocessor PID Program Controller RS-232/485 PC Interface



Monitoring 16 Unit Connected into 1 Computers with Labtech Hub Software



Graphic monitoring for step programmed process of time and temperature on reel-time

MODEL		LFC-2050	LFC-2150	LFC-2250
Dimensions (W x D x H mm)	Inner	900 x 600 x 900	1250 x 700 x 960	1400 x 700 x 1200
	Outer	1200 x 750 x 1700	1500 x 840 x 1800	1650 x 840 x 2150
Capacity		486ℓ	840ℓ	1176ℓ
Heater		4.5kW	7kW	9kW
Controller		Microprocessor PID Program Controller with alarm system		
Display		4 Digit LED Display		
Timer		99min 59 sec. / 99hr 59 min / 99 days 23 hour / Continuous Selectable		
Temperature	Range	Ambient + 5°C to 250°C		
	Set Accuracy	± 1.0°C		
	Uniformity	± 3.0°C to at 200°C		
Material	Interior	Stainless Steel		
	Exterior	Epoxy powder coated EGI Steel		
Insulation		Glass Wool, thickness 80 mm		
Door		Solid dual door with air tight silicone packing, Tempered safety glass window		
Safety		Over current & leakage breaker, Hi-Low temp protector		
Circulation Fan Motor		200W	200W	400W
Shelves		4EA	4EA	6EA
Electrical Supply		220V or 380V 3 Ph 4 line, 50/60Hz		


# Glass Baking Oven

*Ideal for baking surface processing of glass and any kinds of sheets or plates.*



- ❑ Microprocessor PID Temperature Control up to 250°C
- ❑ High precision temperature uniformity and re-productivity
- ❑ Rapid heat-up time to 250°C within 30 minutes
- ❑ Heavy duty stainless steel 304 chamber & durable exterior
- ❑ Easy to move and install with Foot master caster
- ❑ Built-in exhausted air damper from Dia 75 mm to 100 mm
- ❑ Safety and convenience with sliding lack shelf

MODEL		LBO-4050G	LBO-4150G	LBO-4250G
Dimensions (W x D x H mm)	Inner	900 x 700 x 900	1200 x 900 x 1200	1400 x 900 x 1400
	Outer	1200 x 850 x 1400	1600 x 1100 x 1700	1800 x 1100 x 1900
Capacity		567ℓ	1296ℓ	1764ℓ
Heater		5kW	8kW	10kW
Controller		Microprocessor PID Program Controller with alarm system		
Display		4 Digit LED Display		
Timer		99min 59 sec. / 99hr 59 min / 99 days 23 hour / Continuous Selectable		
Gas Inlet Device		N2 Gas Intel Pipe Line & Regulator (Option )		
Temperature	Range	Ambient + 5°C to 250°C		
	Set Accuracy	± 1.0°C		
	Uniformity	± 3.0°C to at 150°C		
Material	Interior	Stainless Steel		
	Exterior	Epoxy powder coated EGI Steel		
Insulation		Glass Wool, thickness 80 mm		
Door		Solid dual door with air tight silicone packing		
Safety		Over current & leakage breaker, Hi-Low temp protector		
Circulation		200W	200W	400W
Shelves		4EA	6EA	8EA
Electrical Supply		220V or 380V 3 Ph 4 line, 50/60Hz		

 Custom made order is available  
Specifications can be changed without prior notice for quality improvement.

## Forced Convection Oven With Heavy Duty Movable carts



- ❑ Movable cart made of stainless steel frame and perforated sheet by sealing mechanism

- ❑ Microprocessor PID Temperature Control up to 250°C
- ❑ High precision temperature uniformity and re-productivity
- ❑ Rapid heat-up time to 250°C within 30 minutes
- ❑ Heavy duty stainless steel 304 chamber & durable exterior
- ❑ Easy to move and install with Foot master caster
- ❑ Built-in exhausted air damper from Dia 75 mm to 100 mm
- ❑ Safety and convenience with sliding lack shelf

MODEL		LIC-5055	LIC-5155	LIC-5255
Dimensions (W x D x H mm)	Inner	900 x 700 x 900	1200 x 800 x 1200	1400 x 900 x 1400
	Outer	1500 x 900 x 1200	1600 x 1000 x 1600	1900 x 1100 x 1800
Capacity		567ℓ	1152ℓ	1764ℓ
Heater		5kW	8kW	10kW
Controller		Microprocessor PID Program Controller with alarm system		
Display		4 Digit LED Display		
Timer		99min 59 sec. / 99hr 59 min / 99 days 23 hour / Continuous Selectable		
Temperature	Range	Ambient + 5°C to 250°C		
	Set Accuracy	± 1.0 °C		
	Uniformity	± 3.0°C to at 150°C		
Material	Interior	Stainless Steel 304		
	Exterior	Powder Coated Steel		
	Cart	Stainless steel 304		
Insulation		Glass Wool, thickness 80 mm		
Door		Solid dual door with air tight silicone packing		
Safety		Over current & leakage breaker, Hi-Low temp protector		
Circulation		200W	200W	400W
Adjustable Cart		700 x 500 x 700 1EA	500 x 600 x 1000 2EA	600 x 700 x 1200 2EA
Electrical Supply		220V or 380V 3 Ph 4 line, 50/60Hz		

# Cure and Inert Oven

## Multi-Room Chamber for Space Save, Mass Production

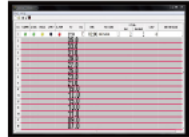
- ❑ Cure for manufacturing process of BGA/CSP Flip chip
- ❑ Microprocessor PID Temperature Control up to 250°C
- ❑ High precision temperature uniformity and re-productivity
- ❑ Rapid heat-up time to 250°C within 30 minutes
- ❑ Heavy duty stainless steel chamber & durable exterior
- ❑ Easy to move and install with Foot master caster
- ❑ Built-in exhausted air damper from Dia 75 mm to 100 mm
- ❑ Safety and convenience with sliding lack shelf



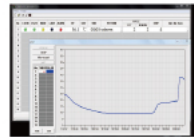
### Programmable Controller(Optional PC Interface)



10 Step Microprocessor  
PID Program Controller  
RS-232/485 PC Interface




Monitoring 16 Unit  
Connected into 1 Computers  
with Labtech Hub Software



Graphic monitoring for step  
programmed process of time  
and temperature on reel-time

MODEL		LBO-4150C
Dimensions (W x D x H mm)	Inner	500 x 500 x 600 150 Liters x 4 chambers
	Outer	2000 x 1000 x 2000
Temperature	Range	Ambient +5°C to 250°C
	Set Accuracy	± 0.1°C
	Uniformity	± 2°C at 150°C
Controller		Microprocessor PID Program Controller with alarm system
Operation		Program/Reset, Local, Hold, Advance
Air circulation Fan		Sirocco Fan 200W Motor x 4ea
Material	Interior	Stainless Steel
	Exterior	Epoxy powder coated EGI Steel
Insulation		Glass Wool, thickness 80 mm
Exhaust port		Volume adjustable damper Φ75mm Over current breaker, signal lamp
Safety		Alarm for over heat and fan error
		Over current & leakage breaker, Hi-Low temp protector
Adjustable shelf		Perforated stainless steel shelves 2/each
Electric supply		220V or 380V 3 Ph 4 line, 50/60Hz

 Custom made order is available  
Specifications can be changed without prior notice for quality improvement.

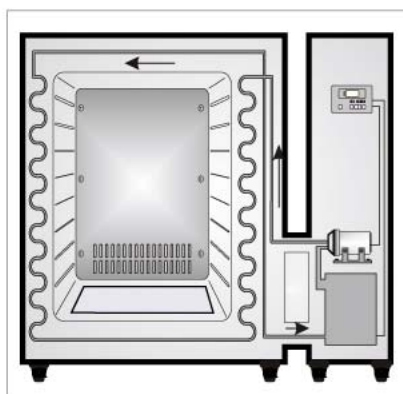
# Explosion Proof Steam Oven

*Ideal for drying dangerous materials, flammable and explosive powder or liquid.*



Explosion Proof

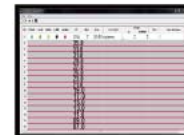
- ❑ Rapid heat-up time to 90°C within 30 minutes
- ❑ Built-in exhausted air damper from Dia 75 mm to 100 mm
- ❑ Safety and convenience with sliding lack shelf
- ❑ 100% spark-free drying mechanism with a separate control and boiling system
- ❑ Indirect heating system with optimized piping construction
- ❑ Microprocessor PID Temperature Control up to 90°C
- ❑ Air driven circulation fan



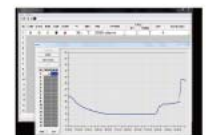
## Programmable Controller(Optional PC Interface)



10 Step Microprocessor  
PID Program Controller  
RS-232/485 PC Interface




Monitoring 16 Unit  
Connected into 1 Computers  
with Labtech Hub Software



Graphic monitoring for step  
programmed process of time  
and temperature on reel-time

MODEL		LEO-6050P	LEO-6150P
Dimensions	Inner	900 x 600 x 900	1000 x 800 x 1200
	(W x D x H mm) Outer	1400 x 750 x 1200	1500 x 950 x 1600
Capacity		486ℓ	960ℓ
Water Boiler System		4kW	4kW
Controller		Microprocessor PID Program Controller with alarm system	
Display		4 Digit LED Display	
Timer		99min 59 sec. / 99hr 59 min / Continuous Selectable	
Temperature	Range	Ambient + 5°C to 90°C	
	Set Accuracy	± 1.0°C	
	Uniformity	± 3.0°C at 60°C	
Boiler Capacity		60ℓ	80ℓ
Material	Interior	Stainless Steel	
	Exterior	Epoxy powder coated EGI Steel	
Door		Solid dual door with air tight silicone packing	
Safety		Over current & leakage breaker, Hi-Low temp protector	
Air Circulation		Air driven fan	
Electric Supply		220V or 380V 3 Ph 4 line, 50/60Hz	

 Custom made order is available  
Specifications can be changed without prior notice for quality improvement.

## Ideal for test of Rubber, Resin plastic Electronic Parts

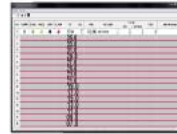
- ❑ Adjustable Air Vent System
- ❑ Temperature Control up to 250°C and 350°C
- ❑ Microprocessor PID program controller
- ❑ 10 Step program temperature and time, 999 cycle
- ❑ Complete sealed stainless steel chamber
- ❑ High efficiency, High clean Mechanism
- ❑ Rapid heat-up time 30 minutes to 250°C
- ❑ Filtered air supply and ventilation
- ❑ Forced air circulation by sirocco fan
- ❑ Fully equipped with safety device and alarm
- ❑ Built-in removable geared rotator controlled by feed back control motor from 0 to 10 rpm



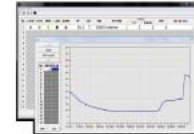
### Programmable Controller(Optional PC Interface)



10 Step Microprocessor  
PID Program Controller  
RS-232/485 PC Interface



Monitoring 16 Incubator  
Connected into 1 Computers  
with Labtech Hub Software



Graphic monitoring for step  
programmed process of time  
and temperature on reel-time

MODEL		LDO-T150S	LDO-T250S
Controller		Microprocessor PID Program controller with alarm system	
Dimensions (W x D x H mm)	Inner	500 x 500 x 600	
	Outer	700 x 800 x 1600	
Temperature	Range	Ambient + 5°C to 250°C ( Option up to 350°C )	
	Set Accuracy	± 1.0°C	
	Uniformity	± 3.0°C at 120°C	
Speed	Range	0 to 10 rpm	
	Control	Electronic Feed Back Controller	
Rotator		Φ200 Stainless Steel Plate x 2EA	
Circulation		Φ120 x 100mm Sirocco Fan	
Material	Interior	Stainless Steel	
	Exterior	Epoxy powder coated EGI Stee	
Electric Supply		220V or 380V 3 Ph 4 line, 50/60Hz	