

- ❖ **Microprocessor PID Temperature Control up to 250 °C Digital Set and Readout**
- ❖ **Membrane Type Keypad**
- ❖ **Tempered Safety Glass Window**
- ❖ **Ideal for Baking, Drying, Conditioning and Sterilizing**
- ❖ **Mechanical Forced Flow Convection**
- ❖ **Silent Fan Motor**



**LDO-080F Forced Convection Oven**

## Forced Convection Type Oven

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

## 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

## Perforated Stainless Steel Shelf

is available for an optical order.

## 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



## Optional Program Controller

16 Bit Self auto-tuned Fuzzy PID micro processor  
Clear LCD back light display 10 step program.  
RS-485 Interface with a pack of Labtech Software

MODEL		LDO-080F	LDO-150F	LDO-250F
Dimensions (W x D x H mm)	Inner	500 x 400 x 400	600 x 500 x 500	700 x 600 x 600
	Outer	655 x 570 x 850	750 x 677 x 940	850 x 775 x 1052
Capacity		80 ℓ	150 ℓ	252 ℓ
Heater		1.5 kW	2.0 kW	3.0 kW
Temperature	Range	Ambient + 5 °C to 250 °C		
	Accuracy	± 0.1 °C		
	Uniformity	± 1.0 °C at 120 °C		
	Display	LED 4 Digits Display		
	Controller	PID Multi-Function Controller		
Timer		99min 59 sec. / 99hr 59 min / 99 days 23 hours / Continuous Selectable		
Material	Inner	Stainless Steel (SUS304)		
	Outer	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 220 V, 50/60 Hz		

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