

# 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



LDO-080F

LDO-150F

LDO-250F

## Feature

### Forced convection type oven

ideal for baking, drying, conditioning, sterilizing and quality control even the most critical laboratory application temperature between ambient +15°C to 250°C (MAX.)

### 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-060F	LDO-080F	LDO-100F	LDO-150F	LDO-250F
Dimensions (W × D × H mm)	Inner	400 × 400 × 400	400 × 400 × 500	500 × 500 × 400	500 × 500 × 600	600 × 600 × 700
	Outer	550 × 650 × 750	550 × 650 × 850	650 × 750 × 750	650 × 750 × 950	750 × 850 × 1040
	Shelf	370 × 370		470 × 470		570 × 570
Capacity		64 ℓ	80 ℓ	100 ℓ	150 ℓ	252 ℓ
Temperature	Range	Ambient +15°C to 250°C (MAX.)				
	Set accuracy	±1.0°C				
	Uniformity	±0.5°C at 120°C				
Heater		1.5 kW			2 kW	3 kW
Hot air circulation		Blower with sirocco fan				
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				
Insulation		Glass wool				
Door		Silicone packing door with tempered glass window				
Stainless steel wire shelves		2 EA				3 EA
Safety		Over heat protector, over current & leakage breaker				
Electric supply		110V, 60Hz or 220V, 50/60Hz				

## Option & optional accessories

Digital recorder (1CH or 2CH)	Paper recorder (6 CH)	Stainless steel perforated shelf	Stainless steel wire coating shelf	Service port	Programmable controller with PC interface	IQ/OQ Validation docu mentation at factory

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