

# Drying Oven

LDO-A1, LDO-B1, LDO-C1 Series



## Drying Oven LDO-A1 Series

Drying oven LDO-A1 series comes with polished stainless steel chamber design. With double layered glass door, large observation window helps in inspection of the sample kept inside oven during process. Used in sterilization process with controlled heating applications and uniform distribution of air temperature.

### Features

- ✓ Polished stainless-steel chamber
- ✓ 30 to 1000 L Chamber Volume
- ✓ Double layered glass door
- ✓ Microprocessor based PID controller
- ✓ Uniform air temperature distribution
- ✓ Forced-air convection mode

### Applications

Used in laboratories, testing and quality control plants, research institutes for desiccation, melting, sterilization, and other purposes.

### Specification

Model	LDO-A10	LDO-A11	LDO-A12	LDO-A13
Chamber Volume	30 L	50 L	80 L	136 L
Number of Shelves	2			
Display Resolution	0.1°C			
Temperature Range	RT + 10 to 200°C / RT + 10 to 250°C			
Temperature Stability	±1°C			
Ambient Temperature	5 to 40°C			
Timing Range	1 to 9999 min			
Interior Dimension (W×D×H)	340×320×320 mm	420×395×350 mm	450×400×450 mm	550×450×550 mm
Exterior Dimension (W×D×H)	620×440×490 mm	720×530×520 mm	740×530×630 mm	840×580×730 mm
Power Consumption	850 W		1550 W	2050 W
Power Supply	220 V, 50 Hz			

Model	LDO-A14	LDO-A15	LDO-A16	LDO-A17
Chamber Volume	220 L	420 L	620 L	1000 L
Shelves	2(pcs)	3(pcs)	4(pcs)	
Display Resolution	0.1℃			
Temperature Range	RT + 10 to 200℃ / RT + 10 to 250℃			
Temperature Stability	±1℃			
Ambient Temperature	5 to 40℃			
Timing Range	1 to 9999 min			
Interior Dimension (W×D×H)	600×500×750 mm	640×585×1355 mm	840×600×1355 mm	1000×600×1600 mm
Exterior Dimension (W×D×H)	880×630×930 mm	760×730×1780 mm	980×800×1880 mm	1140×800×2150 mm
Power Consumption	2450 W	3100 W	4000 W	5200 W
Power	220 V, 50 Hz	380 V, 50 Hz		

## Optional Accessories

Accessories No.	Name
01	Programmable temperature controller
02	Independent temperature-limited system
03	25mm diameter test hole
04	RS485 port and software
05	Wireless alarm system(SMS alarm)

## Drying Oven LDO-B1 Series

Drying Oven LDO-B1 series comes with polished stainless steel chamber and doubled layered observation window. Semi-circular arcs at corner helps in easy cleaning of the oven. Equipped with large LCD display to show more data at the same time. Used in sterilization process with controlled heating applications and uniform distribution of air temperature.

### Features

- ✓ Polished stainless-steel chamber, semicircular arcs at corner
- ✓ Adjustable shelves inside the chamber
- ✓ Microprocessor based PID controller system
- ✓ Forced-air convection mode
- ✓ Auto-controlled fan speed prevents damage to the test material
- ✓ Over temperature and temperature difference alarm

### Applications

Used in laboratories, testing and quality control plants, research institutes for desiccation, melting, sterilization, and other purposes.

### Specification

Model	LDO-B10	LDO-B11	LDO-B12
Chamber Volume	50 L	100 L	175 L
Shelves	2(pcs)		3(pcs)
Display Resolution	0.1°C		
Temperature Range	RT+ 10 to 200°C		
Temperature Stability	±1°C		
Temperature Uniformity	±2.5%		
Ambient temperature	5 to 40°C		
Timing range	1 to 9999 min		
Internal Dimension (W×D×H)	375×370×370 mm	455×430×510 mm	560×530×595 mm
Power Consumption	700 W	1100 W	1600 W
Power	220 V, 50 Hz		

### Optional Accessories

Accessories No.	Name
01	Programmable Temperature Controller
03	Independent temperature-limiting alarm
04	RS485 connector and software
05	Wireless alarm system(SMS alarm)

## Drying Oven LDO-C1 Series

Drying Oven LDO-C1 series is made up of polished stainless steel chamber with semi-circular arcs for easy cleaning. The Oven has large LCD screen to display more data at the same time and the double layered glass observation window. It is used for sterilization process with controlled heating applications and uniform distribution of air temperature. It is more efficient and economical for users.

### Features

- ✓ Polished stainless-steel chamber, semicircular arcs
- ✓ Auto-controlled fan speed prevents damage to the test material
- ✓ Microprocessor based PID controller with timing functions
- ✓ Adjustable shelves inside the chamber
- ✓ Large LCD display
- ✓ Forced-air convection mode

### Applications

Used in laboratories, testing and quality control plants, research institutes for desiccation, melting, sterilization, and other purposes.

### Specification

Model	LDO-C10	LDO-C11	LDO-C12	LDO-C13
Chamber Volume	40L	80L	150L	250L
Shelves	2(pcs)		3(pcs)	
Display Resolution	0.1℃			
Temperature Range	RT+10~200℃		RT+10~250℃	
Temperature Stability	±1℃			
Temperature Uniformity	±2.5%			
Ambient temperature	5 to 40℃			
Timing Range	1 to 9999 min			
Interior Dimension (W×D×H)	350×320×350 mm	400×350×500 mm	500×360×800 mm	520×460×1050 mm
Exterior Dimension (W×D×H)	480×566×650 mm	530×602×804 mm	645×640×1114 mm	665×730×1164 mm
Power Consumption	850W	1550W	2050W	2450W
Power	220V 50HZ			

## Optional Accessories

Accessories No.	Name
01	Programmable Temperature Controller
03	Independent temperature-limiting alarm
04	RS485 connector and software
05	Wireless alarm system(SMS alarm)