

# DRYING OVEN



# DRYING OVEN

Drying ovens are used across a wide range of industries, research and laboratories for simple applications. It ensures temperature stability and reproducibility for all your desired application needs.

Used in Drying, Baking, Disinfecting, Sterilization, Laboratory, Research, Engineering, Industry, Thermostat storage, Heating Storage.

Also known as Heating Oven, Laboratory Drying Oven.

## OVE11 DRYING OVEN

Precision LCD

Cooling fan

Stainless steel inner chamber

Intelligent PID control system

Best quality oven



## SPECIFICATIONS

Model	OVE11-040	OVE11-070	OVE11-130	OVE11-225
Capacity	40 L	70 L	130 L	225 L
Temperature Range	RT+5-250°C			
Temperature Accuracy	±0.1°C			
Temperature Fluctuation	±1%			
Temperature Uniformity	±1°C			
Temperature Resolution	±0.5°C			
Timer Range	0-999 min			
Internal Dimension	350Wx350Dx320H mm	450Wx350Dx420H mm	550Wx450Dx520H mm	600Wx550Dx750H mm
Exterior Dimension	640Wx550Dx530H mm	740Wx550Dx630H mm	890Wx630Dx750H mm	965Wx770Dx980H mm
Noise Level	≤55 db	-	-	-
Weight	36/39 kg	47/50 kg	62/66 kg	96/105 kg
Power	1000 W	1200 W	1600 W	2500 W
Power Supply	220 V, 50 Hz			
Package Size	-	720x740x1470 mm	770x740x1670 mm	1907x815x1090 mm
Convection Mode	-	-	-	Forced Convection
Shelves	-	-	-	4



OVE11-040



OVE11-070



OVE11-130



OVE11-225

## OVE12 DRYING OVEN

Digital display all 304 stainless steel inner chamber and outer

Intelligent PID control system

Large observation window

Tight buckle handle



### SPECIFICATIONS

Model	OVE12-040	OVE12-070T	OVE12-130	OVE12-225T
Capacity	40 L	70 L	130 L	225 L
Temperature Accuracy	±1°C			
Temperature Fluctuation	±1%			
Temperature Uniformity	0.5°C	-	-	-
Temperature Resolution	0.1°C	-	-	-
Time for Heating	≤6 min (20°C to 57°C)		-	-
Timer Range	0-999 min			
Internal Dimension	350Wx350Dx350H mm	450Wx350Dx450H mm	550Wx450Dx550H mm	600Wx500Dx750H mm
Exterior Dimension	640Wx550Dx530H mm	740Wx550Dx630H mm	890Wx630Dx750H mm	965Wx770Dx980H mm
Weight	35.5/38.5 kg	45/48 kg	60/64 kg	94/103 kg
Power	1000 W	1200 W	1600 W	2500 W
Power Supply	220 V, 50 Hz			
Temperature control accuracy	-	≤±0.5°C	-	-
Display Accuracy	-	0.1°C	-	-



## OVE15 DRYING OVEN

Digital display intelligent temperature controller with micro-computer intelligent PID self-tuning function.

The inner tank is made of stainless steel plate, which has the characteristics of anti-acid, anti-corrosion, etc.

The box door is a double-layer insulation material door seal, which effectively insulates heat and prevents heat loss, effectively saving energy.

Heat-generating components and fans are made of high temperature resistant materials to ensure safety and long service life.



### SPECIFICATIONS

Model	OVE15-050	OVE15-075	OVE15-110
Capacity	50 L	75 L	110 L
Temperature Range	RT+5-500°C		
Temperature Accuracy	±1°C		
Temperature Fluctuation	±2%		
Internal Dimension	450Wx350Dx450H mm	550Wx450Dx550H mm	600Wx600Dx750H mm
Exterior Dimension	770Wx580Dx750H mm	870Wx680Dx850H mm	1020Wx830Dx1050H mm
Shelves	2		
Weight	50 kg	75 kg	100 kg
Power	4 KW	5 KW	6 KW
Power Supply	220/50 Hz		



OVE15-050



OVE15-075



OVE15-110

# OVE13 THERMOSTATIC DRYING OVEN

- ALLSENSTM programmable PID control
- ALLHEAT™ cavity warm-up technology
- ALLFLOW™ perfect air current cycling
- Pro-INSULATION™ Insulation technology
- SUS304 stainless steel internal material
- Build-in memory menu, real-time monitoring
- Display parameters: Temperature, Air velocity, Run time, Run/Stop



## SPECIFICATIONS

Model	OVE13-040	OVE13-070	OVE13-130
Capacity	40 L	70 L	130 L
Temperature Range	RT+5 - 250°C		
Ambient Temperature	10-30°C		
Temperature Accuracy	0.1°C		
Temperature Fluctuation	±1°C(50 - 240°C)		
Temperature Uniformity	2%(50 - 240°C)		
Ambient Humidity	<70%		
Timer Range	0-99 h or 0-9999 min		
Convection Mode	Forced Convection		
Internal Dimension	350Wx350Dx350H mm	450Wx450Dx350H mm	550Wx550Dx450H mm
Exterior Dimension	570Wx580Dx593H mm	670Wx680Dx593H mm	770Wx780Dx693H mm
Package Size	690x660x680 mm	790x760x680 mm	890x860x780 mm
Shelves	2		
Weight	40/43 kg	48/51 kg	65/69 kg
Power	770 W	970 W	1270 W
Power Supply	Single phase AC220V/50Hz		



OVE13-040



OVE13-070



OVE13-130

# OVE12 DRYING OVEN

- Micro-computer intelligent control system with LED display
- Forced air convection maintains temperature uniformity
- High quality stainless steel inner chamber with electrostatic spray treated exterior
- Large observation window
- Easy to clean semicircular corners with adjustable shelves
- Silicon rubber sealing ring prevents heat loss
- Over temperature alarm with timer



## SPECIFICATIONS

Model	OVE12-042	OVE12-070	OVE12-136	OVE12-225
Capacity	42 L	70 L	136 L	225 L
Temperature Range	RT+5-250°C			
Temperature Accuracy	±1°C			
Temperature Uniformity	±4.5°C at 250°C		±7.0°C at 400°C	
Temperature Resolution	±1°C			
Timer Range	0-999 min			
Internal Dimension	350Wx350Dx350H mm	420Wx450Dx350H mm	550Wx550Dx450H mm	750Wx600Dx500H mm
Exterior Dimension	530Wx640Dx550H mm	630Wx740Dx550H mm	750Wx890Dx630H mm	980Wx965Dx770H mm
Package Size	650x720x630 mm	750x820x630 mm	870x970x710 mm	1100x1045x850 mm
Shelves	2			
Weight	35/38 kg	44.5/47.5 kg	59.5/63.5 kg	93/102kg
Power	1000 W	1200 W	1600 W	2500 W
Power Supply	220V, 50Hz	220V, 60Hz		



OVE12-042



OVE12-070



OVE12-136



OVE12-225

# OVE074 DRYING OVEN

Polished stainless-steel chamber, semicircular arcs at corners for easy cleaning, and the space between the shelves in the chamber is adjustable

Auto-controller of fan speed to prevent damage to the samples

Large LCD screen to display more data at same time

Self-check function easy to identify problems

Over temperature and temperature difference alarms

There is a 25mm instruction connection hole on the left side of the chamber for easy testing operation and temperature

Programmable controller: 7 periods 63 steps, 0~5999min for each periods, fan speed 0 to 100% adjustable

Independent audible and visible temperature-limiting alarm system ensures experiments run safely

RS485 connector can connect computer and printer to record the parameters and the variations of temperature



## SPECIFICATIONS

Model	OVE074-040	OVE074-080	OVE074-150
Capacity	40 L	80 L	150 L
Electrical requirement	220 V 50 Hz		
Controller	Programmable LCD display		
Power Consumption	850 W	1100 W	1550 W
Temperature Range	RT +10 - 250°C		
Display Resolution	0.1°C		
Temperature Stability	±1°C		
Temperature Uniformity	±2.5%		
Shelves	2 pcs		3 pcs
Interior Dimension	350Wx300Dx400H mm	400Wx320Dx550H mm	500Wx380Dx750H mm
Exterior Dimension	505Wx655Dx600H mm	550Wx660Dx750H mm	655Wx715Dx980H mm
Timing Range	0~5999 min		

Model	OVE074-250	OVE074-400
Capacity	250 L	400 L
Electrical requirement	220 V 50 Hz	
Controller	Programmable LCD display	
Power Consumption	2050 W	3000 W
Temperature Range	RT +10 - 250°C	
Display Resolution	0.1°C	
Temperature Stability	±1°C	
Temperature Uniformity	±2.5%	
Shelves	3 pcs	
Interior Dimension	600Wx450Dx900H mm	1000Wx510Dx800H mm
Exterior Dimension	755Wx785Dx1130H mm	1140Wx850Dx1080H mm
Timing Range	0~5999 min	



OVE074-040



OVE074-080



OVE074-150



OVE074-250



OVE074-400

## OVE075 DRYING OVEN

304 stainless steel, mirror polishing processing, semicircular arcs at corners easy to clean and maintain. The space between the shelves in the chamber is adjustable

PID controller with over temperature alarm and timing function ensures precise and reliable control

Ceramic fiber door seal, which can run at high temperature for a long time and has a long service life

Programmable controller: 7 periods 63 steps, 0 ~5999mins for each period, can preset boot and shutdown time, adjustable circulating fan

Independent over-temperature alarm system ensures experiments running safely



## SPECIFICATIONS

Model	OVE075-050	OVE075-100	OVE075-220	OVE075-760
Capacity	50 L	100 L	220 L	760 L
Electrical requirement	AC 380 V 50 HZ			
Temperature Range	RT+20°C 400°C			
Display Resolution	0.1°C			
Temperature Stability	±0.5°C			
Ambient Temperature	+5 - 40°C			
Power Consumption	3250 W	4050 W	4900 W	12750 W
Internal Dimension	350Wx350Dx400H mm	450Wx450Dx450H mm	600Wx600Dx600H mm	980Wx1000Dx780H mm
External Dimension	890Wx700Dx920H mm	990Wx790Dx990H mm	1140Wx950Dx1140H mm	1324Wx1263Dx1770H mm
Shelves	2 pcs			
Timing Range	0~5999 min			





OVE075-050



OVE075-100



OVE075-220



OVE075-760

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