

LABSTAC

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, Agriculture, Biology, Biochemical, Pharmaceutical, Healthcare, Agricultural, Environmental protection, Disinfection, Roasting, Industrial and Mining, Scientific, Medical, Health, Heat Treatment.

Also known as Heating Oven, Laboratory Drying Oven.

OD11 DRYING OVEN

Precision LCD

Cooling fan

Stainless steel inner chamber

Intelligent PID control system

Best quality oven



SPECIFICATIONS

Model	OD111	OD112	OD113	OD114
Temperature Range	RT+5-250°C			
Temperature Accuracy	±0.1°C			
Temperature Fluctuation	±1%			
Timer Range	0-999 min			
Internal Dimension (WxDxH)	350x350x320 mm	450x350x420 mm	550x450x520 mm	600x550x750 mm
Overall Dimension (WxDxH)	640x550x530 mm	740x550x630 mm	890x630x750 mm	965x770x980 mm
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			

OD12 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	OD121	OD122	OD123	OD124
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 (WxDxH)	350×350×350 mm	420×450×350 mm	550×550×450 mm	750×600×500 mm
Overall Dimension (WxDxH)	530×640×550 mm	630×740×550 mm	750×890×630 mm	980×965×770 mm
Package Size	650x720x630 mm	750x820x630 mm	870x970x710 mm	1100x1045x850 mm
Shelves/Trays	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	220 V, 50 Hz		220 V, 60 Hz	

OD13 DRYING OVEN

- Digital display all 304 stainless steel inner chamber and outer
- Intelligent PID control system
- Large observation window
- Tight buckle handle



SPECIFICATIONS

Model	OD131	OD132	OD133	OD134
Temperature Range	RT+5-250°C			
Temperature Accuracy	±1°C			
Temperature Fluctuation	±1%			
Timer Range	0-999 min			
Internal Dimension (WxDxH)	350×350×350 mm	450×350×450 mm	550×450×550 mm	600×500×750 mm
Overall Dimension (WxDxH)	640×550×530 mm	740×550×630 mm	890×630×750 mm	965×770×980 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			

OD14 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	OD141	OD142	OD143
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 (WxDxH)	350x350x350 mm	450x450x350 mm	550x550x450 mm
Overall Dimension (WxDxH)	570x580x593 mm	670x680x593 mm	770x780x693 mm
Package Size	690x660x680 mm	790x760x680 mm	890x860x780 mm
Shelves/Trays	2		
Weight	40/43 kg	48/51 kg	65/69 kg
Power	770 W	970 W	1270 W
Power Supply	Single phase AC220 V/50 Hz		

OD15 DRYING OVEN

- Adopt high-brightness LCD screens.
- Leakage protector.
- Limited temperature controller.
- RS232 interface.
- Intelligent programmable controller.



SPECIFICATIONS

Model	OD151	OD152	OD153
Capacity	35 L	50 L	81 L
Temperature Range	RT+10-250°C		
Temperature display accuracy	1°C		
Temperature control accuracy	±1°C		
Temperature Stability	±1.5°C(80°C)		
Heater	Chromel alloy heater		
Control Method	Fuzzy logistic PID control		
Temperature Sensors	PT100 three-core high precision sensor		
Convection Mode	Compulsory convection		
Internal Dimension (WxDxH)	350x340x300 mm	380x380x350 mm	450x450x400 mm
Overall Dimension (WxDxH)	475x473x727 mm	505x513x787 mm	595x580x837 mm
Exhaust hole	Two at the top		
Shelves/Trays	2		
Weight	55 kg	58.5 kg	65 kg
Power	700 W	800 W	1600 W
Power Supply	AC-220 V 50/60 Hz		

Model	OD154	OD155
Capacity	150 L	250 L
Temperature Range	RT+10-250°C	
Temperature display accuracy	1°C	
Temperature control accuracy	±1°C	
Temperature Stability	±1.5°C(80°C)	
Heater	Chromel alloy heater	
Control Method	Fuzzy logistic PID control	
Temperature Sensors	PT100 three-core high precision sensor	
Convection Mode	Compulsory convection	
Internal Dimension (WxDxH)	500x500x600 mm	600x600x695 mm
Overall Dimension (WxDxH)	625x630x1037 mm	725x730x1132 mm
Exhaust hole	Two at the top	

Shelves/Trays	3	
Weight	82.5 kg	102.5 kg
Power	2000 W	2500 W
Power Supply	AC-220 V 50/60 Hz	

OD16 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	OD161	OD162	OD163
Temperature Range	RT+5-500°C		
Temperature Accuracy	±1°C		
Temperature Fluctuation	±2%		
Internal Dimension (WxDxH)	450x350x450 mm	550x450x550 mm	600x600x750 mm
Overall Dimension (WxDxH)	770x580x750 mm	870x680x850 mm	1020x830x1050 mm
Shelves/Trays	2		
Weight	50 kg	75 kg	100 kg
Power	4 KW	5 KW	6 KW
Power Supply	220/50 Hz		

LABSTAC

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