



DRYING OVEN

DRYING OVEN

With stainless steel interiors and fibreglass insulation between the walls to maximize thermal efficiency, hot air oven effectively sterilizes glassware, instruments and samples. Glass observation window eliminates the need of opening the door. Forced air convection system maintains temperature uniformity.

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

Also known as Heating Oven, Laboratory Drying Oven.

400 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 Timer 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	BODR-401	BODR-402	BODR-403
Capacity	50 L	100 L	220 L
Temperature Range	RT+20°C- 500°C		
Ambient Temperature	5-40°C		
Temperature Stability	±0.5°C		
Display Resolution	0.1°C		
Timer Range	0~5999 min		
Internal Dimension	350Wx350Dx400H mm	450Wx450Dx450H mm	600Wx600Dx600H mm
Exterior Dimension	890Wx700Dx920H mm	990Wx790Dx990H mm	1140Wx950Dx1140H mm
Shelves	2		
Power Consumption	4050 W	4900 W	6050 W
Electrical Requirement	AC380 V 50 Hz		



BODR-401



BODR-402



BODR-403

BODR-404 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 Timer 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, 0~5999 mins for each period, can preset boot and shutdown time, adjustable circulating fan

Independent over-temperature alarm system ensures experiments running safely

Optional: Micro printer, RS485 connector

SPECIFICATIONS

Model	BODR-404
Capacity	760L
Temperature Range	RT+20°C- 500°C
Ambient Temperature	5-40°C
Temperature Stability	±0.5°C
Display Resolution	0.1°C
Timer Range	0~5999 min
Internal Dimension	980Wx1000Dx780H mm
Exterior Dimension	1324Wx1263Dx1770H mm
Power Consumption	12750 W
Electrical Requirements	AC380V 50Hz
Shelves	2

100 DRYING OVEN



Microcomputer PID intelligent temperature controller with digital display

Forced air circulation system ensures temperature uniformity

Stainless steel inner chamber with cold rolling steel electrostatic spraying exterior

Door with double-layer tempered glass observation window

Adjustable air-tight buckle lock and silicone rubber seal ensures tight sealing and prevents heat loss

Over temperature protection and Timer function

SPECIFICATIONS

Model	BODR-101	BODR-102	BODR-103	BODR-104
Capacity	43 L	71 L	136 L	225 L

Temperature Range	RT+20-250°C			
Temperature Accuracy	±1°C			
Temperature Uniformity	2.0°C			
Temperature Resolution	±0.1°C			
Timer Range	1-9999 min			
Internal Dimension	350Wx350Dx350H mm	450Wx450Dx350H mm	550Wx550Dx450H mm	650Wx500Dx750H mm
Exterior Dimension	740Wx620Dx700H mm	860Wx640Dx800H mm	960Wx730Dx900H mm	1150Wx830Dx1190H mm
Shelves	2			
Weight	44/56 kg	54/66 kg	58/79 kg	110/140 kg
Power	1200 W	1600 W	2000 W	4000 W
Power Supply	220V, 60Hz			



BODR-101



BODR-102



BODR-103



BODR-104

200 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	BODR-201	BODR-202	BODR-203
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		



BODR-201



BODR-202



BODR-203

300 DRYING OVEN



Microcomputer PID intelligent temperature controller with LCD display
 Air blower-heater and vertical hot air circulation system ensures temperature uniformity
 Stainless steel inner chamber with cold rolling steel electrostatic spraying exterior
 Semicircular arcs at corners for easy cleaning
 Wide hollow tempered glass observation window
 Adjustable air-tight buckle lock and silicone rubber seal ensures tight sealing and prevents heat loss
 Easy to assemble and disassemble air duct lateral plate and bottom heater cover
 Over temperature protection and Timer function

SPECIFICATIONS

Model	BODR-301	BODR-302	BODR-303
Capacity	30 L	45 L	65 L
Temperature Range	RT+10-300°C		
Ambient Temperature	5-40°C		
Temperature Accuracy	±1°C		
Temperature Uniformity	±2°C(at 100°C), ±3.5°C(at 200°C)		
Temperature Resolution	±0.1°C		
Timer Range	1-9999 min		
Internal Dimension	310Wx310Dx310H mm	350Wx350Dx350H mm	400Wx360Dx450H mm
Exterior Dimension	450Wx490Dx685H mm	490Wx530Dx730H mm	540Wx540Dx830H mm
Package Size	550x575x780 mm	630x600x820 mm	650x640x920 mm
Shelves	2		
Weight	33/40 kg	37/45 kg	44/54 kg
Power	800 W	1200 W	1600 W
Power Supply	220V, 50Hz		

Model	BODR-304	BODR-305	BODR-306
Capacity	125 L	230 L	625 L
Temperature Range	RT+10-300℃		
Ambient Temperature	5-40℃		
Temperature Accuracy	±1℃		
Temperature Uniformity	±4℃(at 100℃), ±6℃(at 200℃)	±4℃at 180℃	
Temperature Resolution	±0.1℃		
Timer Range	1-9999 min		
Internal Dimension	500Wx450Dx550H mm	600Wx500Dx750H mm	660Wx760Dx1250H mm
Exterior Dimension	640Wx630Dx930H mm	730Wx670Dx1220H mm	890Wx880Dx1820H mm
Package Size	750x730x1020 mm	900x790x1365 mm	1060x1080x1970 mm
Shelves	2		
Weight	60/72 kg	94/120 kg	120/160 kg
Power	2300 W	3000 W	5000 W
Power Supply	220V, 50Hz		380V, 50Hz



BODR-301



BODR-302



BODR-303



BODR-304



BODR-305



BODR-306

7000 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	BODR-7001	BODR-7002	BODR-7003
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	BODR-7004	BODR-7005
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	



BODR-7001



BODR-7002



BODR-7003



BODR-7004



BODR-7005

7100 DRYING OVEN



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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	BODR-7101	BODR-7102	BODR-7103	BODR-7104
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			



BODR-7101



BODR-7102



BODR-7103



BODR-7104



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