



GENERAL PURPOSE OVEN

GENERAL PURPOSE OVEN

Designed for continuous drying operations , general purpose ovens provide temperature homogeneity regulated by microcomputer control system. Stainless steel interiors with easy to clean surface while silicon rubber sealing prevents heat loss and gives stability during operation.

Used in Drying, Roasting, Laboratory, Research, Engineering, Industry, Agricultural, Biology.

Also known as Laboratory Oven, Laboratory general Purpose Oven.

100 GENERAL PURPOSE 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	BOGP-101	BOGP-102	BOGP-103	BOGP-104
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		



BOGP-101



BOGP-102



BOGP-103



BOGP-104

200 GENERAL PURPOSE OVEN



304 stainless steel, mirror polishing processing, easy to clean and maintain

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

Air circulation system with specific air flow channel ensures a good temperature uniformity performance

Silicon door gasket with long lifetime, and easy to change

A damper adjustment in the front ensures the gas convection enough in working chamber

Optional: Independent over-temperature alarm system ensures experiments running safely, RS485 connector can connect computer to save the data via software

SPECIFICATIONS

Model	BOGP-201	BOGP-202	BOGP-203
Capacity	16 L	30 L	50 L
Temperature Range	RT +10-250°C		
Ambient Temperature	5-40°C		
Temperature Stability	±1°C		
Temperature Uniformity	±3% (@ 100°C)		
Display Resolution	0.1°C		
Timer Range	0-9999 min		
Internal Dimension	250Wx260Dx250H mm	340Wx320Dx320H mm	420Wx395Dx350H mm
Exterior Dimension	530Wx370Dx420H mm	620Wx440Dx490H mm	720Wx530Dx520H mm
Shelves	2		
Power Consumption	500 W	850 W	1100 W
Electrical Requirement	220V, 50Hz		
Power consumption	-	-	-

Model	BOGP-204	BOGP-206	BOGP-208
Capacity	80 L	-	220 L
Temperature Range	RT +10-250°C		
Ambient Temperature	5-40°C		
Temperature Stability	±1°C		
Temperature Uniformity	±3% (@ 100°C)		
Display Resolution	0.1°C		
Timer Range	0-9999 min		
Internal Dimension	450Wx400Dx450H mm	550Wx450Dx550H mm	600Wx500Dx750H mm
Exterior Dimension	740Wx530Dx630H mm	840Wx580Dx730H mm	880Wx630Dx930H mm
Shelves	2		
Power Consumption	1550 W	2050 W	-
Electrical Requirement	220V, 50Hz		
Power consumption	-	-	2450 W

Model	BOGP-209	BOGP-210	BOGP-211
Capacity	420 L	620 L	1000 L

Temperature Range	RT +10-250°C		
Ambient Temperature	5-40°C		
Temperature Stability	±1°C		
Temperature Uniformity	±3% (@ 100°C)		
Display Resolution	0.1°C		
Timer Range	0-9999 min		
Internal Dimension	640Wx585Dx1355H mm	840Wx600Dx1355H mm	820Wx730Dx1600H mm
Exterior Dimension	780Wx730Dx1780H mm	980Wx800Dx1880H mm	1050Wx890Dx2070H mm
Shelves	3	4	
Power Consumption	-	-	-
Electrical Requirement	380V, 50Hz		
Power consumption	3100 W	4000 W	5200 W



BOGP-201



BOGP-202



BOGP-203



BOGP-204



BOGP-206



BOGP-208



BOGP-209



BOGP-210



BOGP-211

300 GENERAL PURPOSE OVEN



Micro-computer intelligent PID control system with LCD display
 Forced air convection maintains temperature uniformity
 Stainless steel inner chamber and cold rolling steel electrostatic spraying exterior
 Easy to clean semicircular corners with adjustable shelves
 Door with wide double-glass observation window and adjustable air-tight buckle lock
 Silicon rubber sealing ring prevents heat loss
 Two independent temperature safety device, auto alarm and heating suspension incase of failure of main controller
 Automatic switch-off timer
 Can be connected to printer

SPECIFICATIONS

Model	BOGP-301	BOGP-302	BOGP-303
Capacity	30 L	45 L	65 L
Temperature Range	RT+10-300°C		
Temperature Accuracy	±1°C		
Temperature Uniformity	±2.0°C		
Temperature Resolution	±0.1°C		
Timer Range	1-9999 min		
Internal Dimension	310Wx310Dx310H mm	350Wx350Dx350H mm	400Wx360Dx450H mm
Exterior Dimension	400Wx510Dx695H mm	500Wx550Dx735H mm	550Wx550Dx840H mm
Package Size	550x575x780 mm	630x600x820 mm	650x640x920 mm
Shelves	2		
Weight	33/40 kg	37/45 kg	44/54 kg
Power	800 W	1000 W	1600 W
Power Supply	220V/110V, 60Hz		

Model	BOGP-304	BOGP-305
Capacity	125 L	230 L
Temperature Range	RT+10-300°C	
Temperature Accuracy	±1°C	
Temperature Uniformity	±2.0°C	
Temperature Resolution	±0.1°C	
Timer Range	1-9999 min	
Internal Dimension	500Wx450Dx550H mm	600Wx500Dx750H mm
Exterior Dimension	636Wx680Dx915H mm	730Wx670Dx1220H mm
Package Size	750x730x1020 mm	900x790x1365 mm
Shelves	2	
Weight	60/72 kg	94/120 kg
Power	2300 W	3000 W
Power Supply	220V, 60Hz	



BOGP-301



BOGP-302



BOGP-303



BOGP-304



BOGP-305



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