

Source Industrial Supply

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Precise Oven BPO

Features

- High temp accuracy and high stability by means of imported temp controller.
- Less consumption: Adopting K type thermocouple to ensure fast heat up time.
- High level uniformity via axial fan parallel circulation.
- Total safety design with excellent craftsmanship.
- Constant and programmed operation model to suit different applications.



Precise Oven BPO

High Temp. Aging Series

◆ Model Name

B P O – XXX

B=BACL design
PO=Precise Oven

xxx=Capacity (Liters)

◆ Specification & technical data

Model		BPO Series			
		BPO-100	BPO-216	BPO-500	BPO-1000
Capacity(Liters)		100	216	512	1000
Performance ※ 1	Temp. range	Rt+20 C ~ +200 C		Rt+20 C ~ +300 C	
	Temp. constancy	±0.5 C		±0.5 C	
	Temp. deviation	≤ ±2.0 C (≤ +200 C)		≤ ±3.0 C (+200 C ~ +300 C)	
	Heat up time	Rt ~ 200 C ≤ 45min;		Rt ~ 300 C ≤ 60min	
Interior dimensions	W(mm)	500	600	800	1000
	H(mm)	450	600	800	1000
	D(mm)	450	600	800	1000
Exterior dimensions	W(mm)	1220	1320	1520	1720
	H(mm)	865	1015	1215	1415
	D(mm)	715	865	1065	1265
Temperature control system		P.I.D.+S.S.R.			
Operating environment		+5 C ~ +35 C ; ≤ 85%RH ; atmospheric pressure : 86 ~ 106kPa			
Material	Exterior	SUS304 Stainless Steel Plate with brushed /coated finishing			
	Interior	SUS304 Stainless Steel Plat			
	Insulation	PU+ Glass Fiber Wool			
Ventilation size		Φ50mm/Φ100mm			
Air conditioning	Heater	Iron-chrome wire heater or Finned tube heating system			
	Blower fan	Centrifugal fan/axial fan			
Controller	Display	LED			
	Operation mode	Fixed or programmable running			
	Setting	Keypad / touchscreen			
	Program size	Based on customer requirements			
	Setting range	limit up +10 C and limit down 0C based on operating temp			
	resolution	0.1 C			
	Input	K type thermocouple			
Control model		P.I.D.+BTC			
Power source		AC220(1±10%)V		AC380(1±10%)V	
		(50±0.5)Hz		(50±0.5)Hz	
		1ψ 2W+E		3ψ 4W+E	
Max current(A)		10	14	23	28
Power(KW)		2	3	5	6
Net weight(kg)		195	230	340	530
Standard features		Sample holder*2pcs; Power cord*3M*1pc			
Options		Cable port (Φ50) & Silicone stopper			
Safety protection		Leakage protection, over-temperature protection , Overload protection for blower indicator , Ceramic fuse , Alarm and breakdown			

※ 1 Performance is measured in the ambient temperature of + 25C without any load.

Note 1. We reserve the right to change specifications without prior notice

2. Customized sizes and configurations available