

Drying oven/Incubator (Double function)

○ Drying, baking, wax, heat treatment and bacterial culture in one chamber.

Characteristics:

- Horizontal air circularly by double air ducts, high efficiency and high uniformity.
- PID controller, with over-temperature protection function.
- With oven/Incubator change switch, fan switch; and high temperature blast motor, LED digital display.
- New anti-hot handle.

GP-BE series have the following characteristics other than the above functions.

- LCD temperature controller. SSR to make sure the safety
- 4 grades speed fan, adjustable for different requirements.
- Over-temperature protection system.
- Independent temperature limiter.



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Main Technical Parameters:

Model	GP-30B	GP-45B	GP-65B	GP-85B	GP-125B	GP-230B	
	GP-30BE	GP-45BE	GP-65BE	GP-85BE	GP-125BE	GP-230BE	
Cycle Mode	Forced convection						
Function	Temp. range	Incubator:RT+5-80℃ Drying oven:80-300℃					
	Temp. Resolution Ratio	0.1℃					
	Temp. Motion	± 1℃					
	Temp. Uniformity	Incubator: ± 1.0℃ Drying oven: ± 2.5%					
Structure	Inner Chamber	Mirror Stainless Steel					
	Outer Shell	Cold rolling steel electrostatic spraying exterior					
	Insulation layer	High quality rock wool board(with CE)					
	Heater	Stainless steel heater					
	Power rating	0.8kW	1.2kW	1.6kW	2.0kW	2.3kW	3.0kW
Exhaust hole	φ 28mm top(with function of test hole)						
Controller	Temp. control mode	PID Two temperature section intelligent PID					
	Temp. setting mode	Touch button setting					
	Temp. display mode	B type: LED Digital Display					
		BE model: LCD Digital display					
	Timer	0-9999min(with timing wait function)					
	Operation function	Fixed temperature operation, timing function, auto stop.					
Additional function	B model: Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory BE model: Mechanical independent temperature limiter, 4 grades 3 speed adjustable-speed fan(GP230BE without fan speed adjustor), sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory						
Sensor	Pt100						
Specification	Inner Chamber size(W*L*H)(mm)	310*310*310	350*350*350	400*360*450	450*420*450	500*450*550	600*500*750
	Exterior size(W*L*H)(mm)	460*510*695	500*550*735	550*550*840	590*610*830	636*680*915	730*680*1250
	Packing size(W*L*H)(mm)	550*585*845	590*625*885	640*635*985	690*695*985	740*725*1085	860*790*1400
	Volume	30L	45L	65L	85L	125L	230L
	Shelf number	6	7	9	9	13	17
	Load per rack	15kg					
	Shelf space	35mm					
	Current rating	AC220V/3.6A	AC220V/5.5A	AC220V/7.2A	AC220V/9.0A	AC220V/10.5A	AC220V/13.6A
	NW/GW (kg)	33/37	37/43	44/49	50/56	60/66	94/120
Accessory	Shelf	2					
	Shelf frame	4					
Optional accessories	B model: Shelf; BE model: Shelf,RS485 interface, printer, program temperature control device, remote control, wireless SMS alarm, USB data storage						