

Drying Oven & Incubator



Characteristic for model B and model BE

- High accuracy, high efficiency, good safety and wide application.
- Easy operation: running with data set and time set, and automatic shutdown. PID controller controls temperature accurately.
- Special function key for temperature setting.
- Auxiliary menu makes an over-temperature alarm, deviation calibration, and menu buttons lock come true.
- Vertical double air flue air-casing, forced air convection, better temperature conformity.
- Adjust speed fan motor makes it easy to dry lightweight tiny powder sample.
- Forced air intake structure for fan motor cooling ensures its max working temperature less than 50°C which lengthen the service life of fan motor.
- Patent No.: ZL201230310211.7 / 201320059701.3
- Special characteristic for model BE
 - Multiple data is displayed in the LCD screen at the same time, power outage compensation
 - Over-temperature protector

Technical parameters						
Model		GP-30B GP-30BE	GP-45B GP-45BE	GP-65B GP-65BE	GP-125B GP-125BE	GP-230B GP-230BE
Application		used for drying, baking, thermal treatment and bacteria culturing				
Air circulation type		double air flue and forced convection				
Performance	temp. range	RT+5~80°C(culturing); 80~250°C(drying)				
	temp. resolution	0.1°C				

	temp. fluctuation	±0.5°C(culturing); ±1°C(drying)				
	temp. uniformity	±1.0°C(culturing); ±2.5%(drying)				
Structure	chamber material	stainless steel				
	shell material	spraying cold rolled steel				
	thermal insulation material	aluminum silicate fiber				
	heating device	stainless steel heating tube				
	rated power(culturing)	0.3kw	0.3kw	0.4kw	0.6kw	0.7kw
	rated power(drying)	0.8kw	1.2kw	1.6kw	2.3kw	3.0kw
	vent	φ28mm*1(top)				φ28mm*2(top)
Controller	temp. control	model B: double rows of digital tubes,PID ; model BE: double rows of LCD,PID				
	temp. setting	press the four keys slightly				
	temp. display	model B actual temp. : displayed by 4 digit digital tube (row 1); setting temp. : displayed by 4 digit digital tube (row 2).				
		BE type: actual temp. : display by LCD (row 1) ; setting temp. : display by row 2.				
	timer	0~9999 minutes (with timing function)				
	operation function	running with data set and time set, and automatic shutdown based on the setting				
	program mode	optional				
	sensor	Pt100				

	additional function	deviation adjustment, menus and buttons lock, automatic recovery to the previous status after power outage and recovery				
		speed adjustable fan			fixed speed fan	
Safety device		B and BE model: over-temperature alarm; BE model: over-temperature protector.				
Specification	working size (W*D*Hmm)	310*310*310	350*350*350	400*360*450	500*450*550	600*500*750
	exterior size (W*D*Hmm)	460*510*695	500*550*735	550*550*840	636*680*915	730*670*1220
	packing size (W*D*Hmm)	550*570*765	620*585*800	640*640*905	730*720*1000	900*800*1350
	working capacity	30L	45L	65L	125L	230L
	shelf load bearing	15kg				
	max shelf layer	6 layers	7 layers	9 layers	13 layers	17 layers
	height between shelves	35mm				
	Power source(50/60Hz)/Rated current	AC220V/3.6A	AC220V/5.5A	AC220V/7.2A	AC220V/10.5A	AC220V/13.6A
	NW/GW	33/37	37/43	44/49	60/66	94/120
Accessory	shelf	2pcs				
	shelf bracket	4pcs				
Optional device		shelf, RS485 port, printer, recorder, external communication, remote control, program temperature controller, wireless message alert, U disk storage.				