



Cooling Incubator/Refrigerated Incubator/ Bod Incubator

Various constant temperature experiments and environmental tests at 0~65°C, water analysis, microbe culture of BOD / bacteria, plant breeding, and sample preservation.

Characteristics:

- Unique internal wind circulation structure design, breeze circulate fan make inner chamber temperature uniformity.
- Double door seal; tempered glass silicon rubber seal inner door and magnetic rubber seal outer door, which are convenient to on/off; inner chamber with light for convenient observation.
- Intelligent defrosting function ensure device long-time run without frost.
- Fluoride-free refrigeration and gentle breeze circulation.
- Test hole of ϕ 52mm at left side of container.

BX model additional characteristics:

- LCD scree 30-stage program controller, round move, ladder operating.
- Sensor failure alarm



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Main Technical Parameters:

Cycle Model		BIO-70BIII BIO-70BX	BIO-150BIII BIO-150BX	BIO-250BIII BIO-250BX
Function	Temp.Range	0~65°C		
	Temp.Resolution Ratio	0.1°C		
	Temp.Motion	High Temp: $\pm 0.5^\circ\text{C}$ Low Temp: $\pm 1^\circ\text{C}$		
	Temp.Uniformity	$\pm 1.5^\circ\text{C}$		
Structure	Inner Chamber	Mirror Stainless Steel		
	Outer Shell	Cold rolling steel electrostatic spraying exterior		
	Insulation Layer	Polyurethane		
	Heater	Stainless steel heater		
	Power Rating	0.8kW	1.0kW	1.2kW
	Compressor	Air cooled hermetic compressor		
	Cryogen	R134a		
	Defrost Structure	Automatic control intelligent defrosting		
	Test Hole	Inner diameter 43mm(one)		
	Controlled External Power Supply	Outer universal socket(one), inner waterproof socket(one)		
Control	Temp. Control Mode	BIII model:single-stage LCD Intelligent PID; BX model:30-stage LCD program		
	Temp. Setting Mode	Touch button setting		
	Temp. Display Mode	Measuring temperature:LCD upper row; Setting temperature:LCD lower row		
	Timer	BIII model:0~99.9h BX model:0~99.9h*30 segment(with timing wait function)		
	Operation Function	BIII model: fixed value operation,timing function,auto stop. BX model:Program operation		
	Sensor	PT100		
	Additional Function	BIII model:LED light,Deviation correction,Menu key lock,Power failure parameter memory BX model:Loop self diagnosis,sensor fault alarm		
Specification	Safety Device	Over temperature alarm		
	Inner Chamber Size (W*L*H)(mm)	415*350*500	490*400*750	500*500*950
	Exterior Size (W*L*H)(mm)	571*591*1051	646*641*1301	656*741*1501
	Packing Size (W*L*H) (mm)	680*676*1235	751*730*1490	761*830*1690
	Volume	70L	150L	250L
	Load Per Rack	15kg		
	Shelf Number	5	9	12
	Shelf Space	60mm		
	Supply(50/60Hz)Current Rating	AC220V/2.3A	AC220V/3.6A	AC220V/5.5A
	NW/GM(kg)	69/92	86/114	100/139
Accessory	Shelf	2		
	Shelf Frame	4		
Optional Accessories		shelf, RS485 port, printer, recorder, Remote Control, wireless messaging alarm, U-Disk data storage		