



Precision Cooling Incubator/BOD Incubator Refrigerated Incubator

◎ Various constant temperature experiments and environmental tests, water analysis, microbe culture of BOD / bacteria, plant breeding, and sample preservation.

Characteristics:

- Unique internal wind circulation structure design, fan breeze circulation.
- The double door structure, with high quality glass easy to observe the samples, the outer door with magnetic strip, good sealing.
- Colour LCD display and 30-stage program temperature control, double evaporators and automatic control intelligent defrosting to ensure long-term operating without defrost. standard independent temperature limiter, double protection for test safety.

BL model additional characteristics:

- 5.0 inch touch display 30-stage program control, round move, ladder operating.
- Sensor failure alarm, temperature curve, U-disk data storage, auto start.
- UV Lamp



Main Technical Parameters:

Patent No. : ZL 2018 3 0095051.6

Model		BIO-70BIV	BIO-150BIV	BIO-250BIV
		BIO-70BL	BIO-150BL	BIO-250BL
Function	Cycle Mode	Forced convection		
	Temp. Range	0~65℃		
	Temp. Resolution Ratio	0.1℃		
	Temp. Motion	High Temp.: ± 0.5℃ Low Temp.: ± 1℃		
	Temp. Uniformity	± 1℃		
Structure	Inner Chamber	Mirror Stainless Steel		
	Outer Shell	Cold rolling steel electrostatic spraying exterior		
	Insulation Layer	Polyurethane		
	Heater	Stainless steel heating tube		
	Power Rating	0.8kW	1.0kW	1.2kW
	Compressor	Air cooled hermetic compressor		
	Cryogen	R134a		
	Defrost Structure	Double evaporator switching defrosting		
	Test Hole	43mm		
	Controlled External Power Supply	Universal socket (one) Built in waterproof socket (one)		
	Temp. Control Mode	BIV: Color screen LCD program BL: 5.0 inch touch screen		
	Temp. Setting Mode	Touch button setting or Touch screen type		
	Temp. Display Mode	Measuring temperature: LCD upper screen; setting temperature: LCD lower row		
	Timer	0~99.9h*30Segment		
	Operation Function	Program operation		
	Sensor	PT100		
	Additional Function	BIV model: LED light, Deviation correction, Menu key lock, Power failure parameter memory		
Safety Device		BL model additional character: loop self diagnosis		
Specification	Inner Chamber Size(W*L*H)(mm)	420*350*500	500*500*600	600*500*840
	Exterior Size (W*L*H)(mm)	580*610*1190	660*760*1290	760*760*1530
	Packing Size (W*L*H)(mm)	706*698*1358	856*778*1458	878*865*1698
	Volume	70L	150L	250L
	Load Per Rack	15kg		
	Shelf Number	9	12	18
	Shelf Space	35mm		
	Power Supply Current Rating	AC220V/2.3A	AC220V/3.6A	AC220V/5.5A
Accessory	NW/GW (kg)	69/92	86/114	100/139
	Shelf	2		
Optional Accessories		Spare shelf, RS485 interface, printer, Program controller, remote control, U-disk storage		