



TPX-Series

LOW TEMPERATURE BOD REFRIGERATED INCUBATOR

Introduction

Low Temperature BOD Refrigerated Incubator features a digital control system that allows for precise temperature regulation, as well as a refrigeration system that maintains a constant temperature. Additionally, the incubator's compact size and quiet operation make it an ideal choice for use in small laboratories or other settings where noise levels need to be kept to a minimum.

Features

- Uniform Temperature
Innovative internal wind circulation ensures consistent heat distribution.
- Clear Observation
Double door structure with high-quality glass for easy sample monitoring.
- Effortless Control
Color LCD display and 30-stage program temperature control.
- Seamless Operation
Double evaporators and automatic defrosting for uninterrupted use.
- Enhanced Safety
Standard temperature limiters and double test safety protection.

Technical Parameter

Model		TPX-70BV	TPX-150BV	TPX-250BV
		TPX-70BLT	TPX-150BLT	TPX-250BLT
Cycle Mode		Forced convection		
Function	Temp.Range	-10-65 °C		
	Temp.Resolution Ratio	0.1 °C		
	Temp.Motion	High Temp: ±0.5 °C Low Temp: ±1 °C		
	Temp.Uniformity	±1 °C		
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		



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Structure	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		
BL model additional character: loop self diagnosis				
Safety Device		Over temperature alarm, digital temperature limiter		
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/2.3S	AC220V/3.6A	AC220V/5.5A
	NW/GW(kg)	69/92	86/114	100/139
Accessory	Shelf	2		
Optional Accessories		Spare shelf, RS485 interface, printer remote control, U-disk storage		