Heating Incubator

Humanized design

- Adopting direct heating system, the heating speed is fast and the control precision is high.
- PID control technology, high control precision and small temperature fluctuation.
- Available in Chinese and English menus to meet different language needs, with °C / °F conversion.
- The height of the shelf is adjustable to meet different cultivation needs.
- Professional stacking foot design, the machine can be stacked, saving lab space and improving the use efficiency (same specification).

Convenient data processing

- The touch screen type standard with a USB interface, which can record the change status of the temperature parameters. The LCD screen is option for USB interface.
- It can be equipped with RS232 data interface, which can realize remote control of the machine through software (option).
- RS-232 and USB can be selected one of them.

Safty

- Protection on instruments: Comply international standard secondary temp limiting alarm system. When the heating is out of control or exceeds the maximum limit temperature, the heating is automatically cut off with sound and light alarm, ensure operating is safe without any accident.
- Protection on key components: Key components are equipped with over-current, over-temperature, overload and other safety protection to prevent accident.
- Protection on samples: When the temperature inside the box is higher or lower than the set temperature, the alarm will start to cut off the heater, with sound and light alarm to remind the operator to protect the sample from normal test without accident.
- Protection on operator: The cabinet and door are specially insulated to make the surface temperature of the cabinet low, ensuring the operator's safety and no accidents.
- Breakdown message provided: When the instrument breakdown, the message will shown on the screen to help operator clearly check.

Technical parameters (Natural Convection)

Touch Screen	BI-35T	BI-55T	BI-120T	BI-200T
LCD controller	BI-35TL	BI-55TL	BI-120TL	BI-200TL
Capacity（L）	34L	54L	124L	222L
Temp Range	RT+5 - 80℃			
Stability	±0.2℃			
Uniformity(at 37℃)	±0.8℃			
Display Resolution	0.1℃			
Max number of shelves	2(5)	2(6)	2(10)	2(16)
Max load per shelf	20Kg			
NW	44Kg	53Kg	79Kg	108Kg
Timing Range	1 - 5999mins			
Interior Dimension W×D×H(mm)	320×340×320	400×360×415	520×480×490	650×540×650
Exterior Dimension W×D×H(mm)	610×520×580	690×468×640	810×588×755	940×658×910
Electrical Requirement	AC220V,50Hz			
Power Consumption	250W	300W	550W	700W

Technical parameters (Air Forced)

Touch Screen	BI-35F	BI-55F	BI-120F	BI-200F	BI-400F
LCD controller	BI-35FL	BI-55FL	BI-120FL	BI-200FL	BI-400FL
Capacity（L）	35L	67L	146L	253L	420L
Temp Range	RT+5 - 80℃				
Stability	±0.2℃				
Uniformity(at 37℃)	±0.8℃				
Display Resolution	0.1℃				
Max number of shelves	2(5)	2(9)	2(12)	2(16)	2(23)
Max load per shelf	20Kg				
NW	48Kg	56Kg	82Kg	119Kg	160Kg
Timing Range	1 - 5999mins				
Interior Dimension W×D×H(mm)	320×390×320	400×395×415	520×510×530	650×600×650	1000×530×800
Exterior Dimension W×D×H(mm)	610×550×545	690×560×640	810×685×755	940×755×875	1285×750×980
Electrical Requirement	AC220V,50Hz				
Power Consumption	300W	350W	600W	700W	1000W

※ The outer dimensions do not include hinges, handles, gauges, wires, etc., and the internal dimensions do not include the duct section.
※ All test data are tested in a 25℃ environment.