



Heating incubator-Natural convection

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.

Convenient data processing:

- 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 (Air Forced)

Model	BI-35F BI-35FL	BI-55F BI-55FL	BI-120F BI-120FL	BI-200F BI-200FL	BI-400F BI-400FL
Capacity (L)	35L	67L	146L	253L	420L
Temp range	RT+5~80℃				
Display Resolution	±0.2℃				
Uniformity(at 37℃)	±0.8℃				
Display Resolution	0.1℃				
Max number of shelves	2(5)	2(6)	2(10)	2(16)	23
Max load per shelf	20Kg				
NW	48Kg	56Kg	82Kg	119Kg	160Kg
Timing Range	1~5999mins				
Interior Dimension WxDxH(mm)	320x300x320	400x305x415	520x430x530	650x500x650	1000x800x530
Exterior Dimension WxDxH(mm)	610x550x545	690x560x640	810x685x755	940x755x875	1285x980x750
Electrical Requirement	AC220V,50Hz				
Power Consumption	300W	350W	600W	700W	1000W

BI-F series touch screen controller

BI-FL series LCD controller

※ 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.

※ If the maximum temperature is to reach 300℃ , please note in advance before ordering.