



## Forced air oven

### Humanized design

- With reservation and timing functions, there is no need to wait, which effectively improves the efficiency of the experiment.
- 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).

### Safety

- 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

#### 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.



## Technical parameters

Model	BO-30F BO-30FL	BO-50F BO-50FL	BO-120F BO-120FL	BO-200F BO-200FL	BO-400F BO-400FL
Capacity ( L )	35L	59L	115L	234L	400L
Temp range	RT+10℃ ~200℃ ( MAX 300℃ )				
Display Resolution	0.1℃				
Uniformity at 100℃	±2.0℃				
Heated to 100℃	25mins				
Standard Max number of shelves	2 ( 5 )	2 ( 9 )	2 ( 12 )	2 ( 16 )	3 ( 16 )
Max load per shelf	20Kg				
NW	43Kg	51Kg	83Kg	112Kg	210Kg
Timing Range	1~5999mins				
Interior Dimension WxDxH(mm)	320x300x320	400x305x415	520x430x530	650x500x650	1000x510x800
Exterior Dimension WxDxH(mm)	610x550x540	690x560x640	810x685x755	940x750x875	1285x750x1060
Electrical Requirement	AC220V,50Hz				
Power Consumption	900W	1100W	2050W	2500W	3100W

BO-F series touch screen controller

BO-FL series LCD controller