



Natural convection 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-30N BO-30NL	BO-50N BO-50NL	BO-115N BO-115NL	BO-200N BO-200NL
Capacity (L)	34L	54L	124L	222L
Temp range	RT+10°C ~200°C (MAX 300°C)			
Display Resolution	0.1°C			
Uniformity at 100°C	±2.5°C			
Heated to 100°C	25mins			
Standard Max number of shelves	2 (5)	2 (6)	2 (10)	2 (16)
Max load per shelf	20Kg			
NW	43Kg	45Kg	74Kg	103Kg
Timing Range	1 ~5999mins			
Interior Dimension WxDxH(mm)	320x300x320	400x330x380	520x450x495	650x500x650
Exterior Dimension WxDxH(mm)	610x520x580	690x468x640	810x590x755	940x658x910
Electrical Requirement	AC220V,50Hz			
Power Consumption	850W	1050W	1950W	2250W

BO-N series touch screen controller

BO-NL 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°C environment.

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