

Vacuum 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 machine above 90L has moving casters for flexible and convenient movement.
- The door is closed and elastically adjustable, and the integrated molded silicone rubber door seal ring ensures the vacuum inside the box.

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

Touch Screen	BV-20	BV-50	BV-90	BV-120	BV-210
LCD controller	BV-20L	BV-50L	BV-90L	BV-120L	BV-210L
Capacity (L)	24L	51L	91L	125L	216L
Temp Range	RT+10°C - 200°C				
Temperature Accuracy	±1°C				
Display Resolution	0.1°C				
Max degree of vacuum	99Pa				
Standard Max number of shelves	2 (3)	2 (5)	2 (6)	2 (10)	2 (13)
Max load per shelf	20Kg				
Interior Material	304 stainless steel				
Interior Dimension W×D×H(mm)	300×300×275	415×370×345	450×450×450	500×500×500	600×600×600
Exterior Dimension W×D×H(mm)	445×505×590	580×594×670	610×721×774	660×824×774	760×874×924
NW	60Kg	95Kg	145Kg	175Kg	245Kg
Inert gas air inlet	standard				
Electrical Requirement	AC220V/50Hz				
Power Consumption	700W	1400W	2000W	2400W	2800W

✗ 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.