



## SAMPLE CONCENTRATOR BCON-109

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Concentrator refers to the amount of a substance in a defined space. Concentration is especially used for concentrating or preparing sample in batches in laboratory.

Used in Drug screening, hormone analysis, liquid phase.

Also known as Laboratory Concentrator.

## BCON-109 SAMPLE CONCENTRATOR



Synchronously working with heating by dry bath in the bottom and nitrogen blowing on the surface accelerates liquid evaporation and sample concentration

The length of a standard gas needle is 150 mm

The height of the air chamber plate can be adjusted

The unique characteristics: Sample surface in the tube can be observed while concentrating

Gas needle is controlled independently

Separately blow of each needle and flow regulating of each needle are available to avoid gas waste

The entire equipment can be put into ventilation cabinet when the concentration sample in toxic solvents

Built in overheat protection, automatic fault detection and fault beep alarm devices

LED displays immediate temperature and diminishing time

Operation is simple and convenient

## SPECIFICATIONS

Model	BCON-109
Temp. Control Range	R. T. + 5 °C ~150 °C
Temp. Setting Range	5 °C ~ 150 °C
Temp. Stability @ 40 ~100 °C	± 0.5 °C
Temp. Stability @ 100~150 °C	± 1 °C
Block Temp. Uniformity @ 100 °C	± 0.5 °C
Block Temp. Uniformity @ 150 °C	± 1 °C
Temp. Display Accuracy	0.1 °C
Heating Speed	≤ 30 min (40 °C to 150 °C )
Time Range	1 min ~99 h 59 min
Needle Plate Max. Lift Stroke	285 mm
Gas-in Joint Outer Diameter	Φ7 mm
Nitrogen Pressure	≤0.1 MPa
Nitrogen Flow Rate	0~10 L/min
Needle Length	150 mm
Sample Capacity	1 standard block
Voltage	AC 220 V / AC 110 V, 50/60 Hz
Fuse	250 V, 3 A/6 A, Φ 5 × 20
Dimension(W × D × H)	W.220 × D.260 × H.525 mm
Net Weight (kgs)	5.8 kgs
Power	400 W



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