BioLAB

PRODUCT CATALOG

SAMPLE CONCENTRATOR BCON-108

CE ISO9001 CERTIFIED

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SAMPLE CONCENTRATOR BCON-108

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-108 SAMPLE CONCENTRATOR

"Wide temperature control range up to 150°C

Equipped with an air chamber and a special adjustable stand, nitrogen blowing can be achieved

Simple or programmed temperature control mode, making the experiment more convenient

Compact structure, easy to use in narrow spaces

High-definition color screen display, providing an intuitive and clear visual experience

Real-time temperature and constant temperature countdown time

With metal blocks, samples are protected from contamination

The metal block is easy to replace, easy to clean and sterilize

Built-in over-temperature protection device to keep you and experiments safe

Temperature deviation calibration, more accurate temperature control

Fault code display function, the system has its own fault detection function

The buzzer sound can be turned off, making the experiment quieter

Sliding operation and touch buttons, novel and fashionable

The height of the air chamber can be adjusted to make it suitable for different test tubes, and the standard air needle length is 150 mm

When concentrating toxic solvents, the entire system can be placed in a fume hood

The heater causes the sample to be rapidly heated to the evaporation temperature, and at the same time, the gas is blown to the surface of the solution through the gas needle, which promotes the rapid evaporation of the solution and the concentration of the

sample

Unique patented design for air channel control system, enhances air tightness and reduces potential leakage; easy to operate, lift/press air needle to realize channel switch; the switching status of each channel is clear at a glance"

SPECIFICATIONS

Model	BCON-108
Temp. Control Range	R.T.+5°C ~100°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	± 0.3 °C
Block Temp. Uniformity @ 150 °C	± 0.5 °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	286 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	2 standard block
Voltage	AC 220 V/AC 110 V 50 Hz/60 Hz
Fuse	250 V，3 A /6 A，Φ 5 × 20
Dimension(W × D × H)	285 × 225 × 95
Net Weight（kgs）	2.64 kgs
Power	400 W

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