



96-GAS-NEEDLES SAMPLE CONCENTRATOR BCON-102

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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-102 96-GAS-NEEDLES SAMPLE CONCENTRATOR



The heater heats the sample rapidly 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 rapid evaporation of the solution and concentration of the sample

The height of the air cavity can be adjusted. The length of a standard gas needle is 80 mm

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

SPECIFICATIONS

Model	BCON-102
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	±0.5 °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
Air cavity Max. Lift Stroke	275 mm
Gas-in Joint Outer Diameter	Φ7 mm
Nitrogen Pressure	≤0.1 MPa
Nitrogen Flow Rate	0~10 L/min
Needle Length	80 mm
Sample Capacity	1 standard plate block
Voltage	AC 220 V/AC 110 V, 50/60 Hz
Power	400 W
Fuse	250 V, 2 A / 3 A, Φ5 x 20
Dimension (WxDxH)	W.220xD.260xH.445 mm
Net Weight	5.5 kgs

OPTIONAL ACCESSORIES

Accessory Code	Name	Suitable Concentrator	Description	Dimension
3900607006	Block 17	NDK200-1A	0.2ml x 96 PCR plate	78x114x26 mm
3900607007	Block 18	NDK200-1A	flat bottom plate block	81x123x19 mm



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