BioLAB

PRODUCT CATALOG

CONCENTRATOR BFA1CF1 (BCON-102)

CE ISO9001 CERTIFIED

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CONCENTRATOR BFA1CF1

SAMPLE CONCENTRATOR

Sample Concentrator (96-gas-needles)is mainly used for concentrating or preparing sample in batch. Such as drug screening, hormone analysis, liquid phase and mass spectrometry in the analysis of sample preparation. It works by blowing nitrogen in the surface of sample which is being heated to accelerate evaporating and separating the solvent in the samples without oxygen.

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 80mm.
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.

SPECIFICATIONS

Model	BFA1CF1
Old Model	BCON-102
Temp. Control Range	R.T.+5℃~150℃
Temp. Setting Range	5℃~150℃
Temp. Stability@40~100℃	±0.5 ℃
Temp. Stability@100~150℃	±1 ℃
Block Temp. Uniformity@100℃	±0.5 ℃
Block Temp. Uniformity@150℃	±1 ℃
Temp. Display Accuracy	0.1 ℃
Heating Speed	<30min (40℃ to 150℃)
Time Range	1min ~99h59min
Air cavity Max. Lift Stroke	275mm
Gas-in Joint Outer Diameter	Φ7mm
Nitrogen Pressure	<0.1MPa
Nitrogen Flow Rate	0 ~10L/min
Needle Length	80mm
Sample Capacity	1 Standard Plate Block
Voltage	AC 220V/AC 110V, 50/60Hz
Power	400W
Fuse	250V, 3A/6A, Φ5x20
Dimension (WxDxH)	W.220 x D.260 x H.445mm
Net Weight	5.5kgs
Alt Name	Sample Concentrator

ACCESSORIES FOR PURCHASE

No	Spec	Dia. of hole	Name	Block dimension
1	0.2ml x96	6.7mm	Cone bottom	95.5 x 153.5 x 33.5mm
2	Flat bottom plates	Top size 76x116 x 4mm	Flat plate block	95.5 x 153.5 x 22.5mm

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