



CONCENTRATOR BCON-103

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SAMPLE CONCENTRATOR

The sample concentrator is mainly used for the concentration or preparation of bulk samples (such as drug screening, hormone analysis, liquid phase, and sample preparation in mass spectrometry). Working principle: By blowing nitrogen into the surface of the heated sample, the solvent in the sample is quickly evaporated and separated, thereby achieving the purpose of anaerobic concentration of the sample and keeping the sample more pure.



The height of the air chamber plate can be adjusted. The length of a standard gas needle is 150mm.

LED displays immediate temperature and diminishing time.

Operation is simple and convenient.

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

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

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

Unique patented design for air channel control system, enhances air tightness and reduces potential leakage; easy to operate, lift/press air needle to realize c

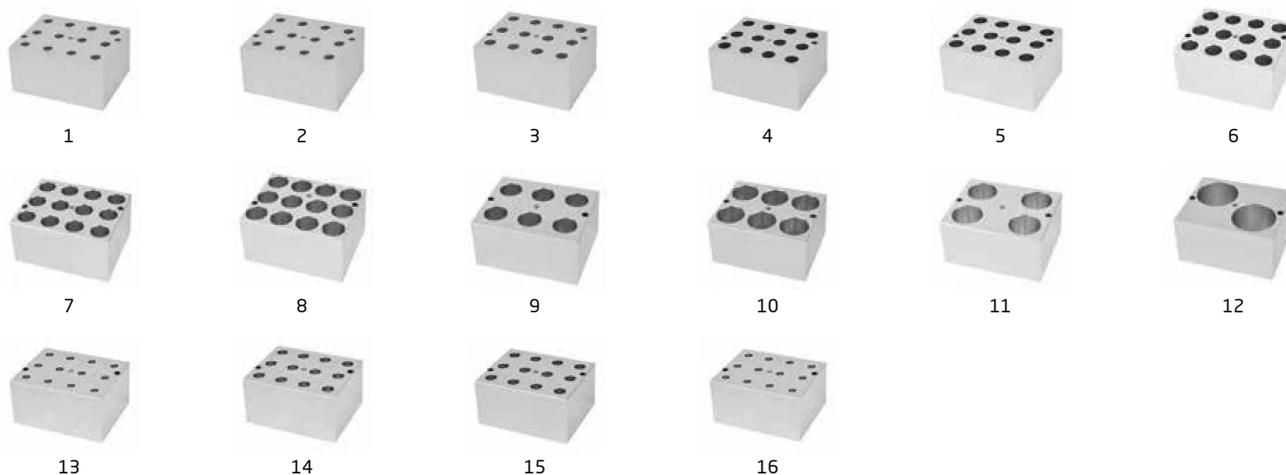
SPECIFICATIONS

Model	BCON-103
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	<30min (40°C to 150°C)
Time Range	1min~99h59min
Needle Plate Max. Lift Stroke	285mm
Gas-in Joint Outer Diameter	Φ7mm
Nitrogen Pressure	<0.1MPa
Nitrogen Flow Rate	0 ~10L/min
Needle Length	150mm
Sample Capacity	1 standard block
Voltage	AC 220V / AC 110V, 50/60Hz
Power	200W
Fuse	250V, 2A/3A, Φ5x20
Dimension	W.200 x D.230 x H.525mm
Net Weight	5.1kgs
Alt Name	Sample Concentrator

ACCESSORIES FOR PURCHASE

No	Spec	Dia. of hole	Name	Block dimension
1	6 mm x 12	6.5 mm	Round bottom	95.5 x 76.5 x 50 mm
2	7 mm x 12	7.5 mm	Round bottom	95.5 x 76.5 x 50 mm
3	10 mm x 12	10.5 mm	Round bottom	95.5 x 76.5 x 50 mm

4	12 mm x 12	12.5 mm	Round bottom	95.5 x 76.5 x 50 mm
5	13 mm x 12	13.5 mm	Round bottom	95.5 x 76.5 x 50 mm
6	15 mm x 12(7ml tube)	15.5 mm	Round bottom	95.5 x 76.5 x 50 mm
7	16 mm x 12(10ml/15ml tube)	16.5 mm	Round bottom	95.5 x 76.5 x 50 mm
8	19 mm x 12	19.5 mm	Round bottom	95.5 x 76.5 x 50 mm
9	20 mm x 6	20.5 mm	Round bottom	95.5 x 76.5 x 50 mm
10	26 mm x 6	26.5 mm	Round bottom	95.5 x 76.5 x 50 mm
11	28 mm x 4(50ml tube)	28.5 mm	Flat bottom	95.5 x 76.5 x 50 mm
12	40 mm x 2	40.5 mm	Round bottom	95.5 x 76.5 x 50 mm
13	0.5 ml x 12	8 mm	Cone bottom	95.5 x 76.5 x 50 mm
14	1.5 ml x 12	10.8 mm	Cone bottom	95.5 x 76.5 x 50 mm
15	2.0 ml x 12	10.8 mm	Cone bottom	95.5 x 76.5 x 50 mm
16	0.2 ml x 12	6.1 mm	Cone bottom	95.5 x 76.5 x 50 mm
17	Customized	Customized	Customized	Customized



FEATURES

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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.

Standard configured air cavity and adjustable bracket.

Note: Flow control valve is optional. While choose blocks BFA1CC2 model , choose two blocks with the same hole quantity. DT01A, DT02A, DT16A needs to be customized in advance.



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