



# NITROGEN SAMPLE CONCENTRATOR BCON-104

# NITROGEN SAMPLE CONCENTRATOR BCON-104

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-104 NITROGEN SAMPLE CONCENTRATOR



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

LED displays immediate temperature and diminis-“C; i Operation is simple and convenient

Built in overheat protection, automatic fault detection an alarm devices

The entire equipment can be put into ventilation cabin concentration sample is in toxic solvents

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

Unique patented design for air channel control system, enhances air tightness and reduces potential leakage; easy to operate air needle to realize channel switch; the switching stat

channel is clear at a glance

## SPECIFICATIONS

Model	BCON-104
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	1min ~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 Visible 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.525 mm
Net Weight	5.8 kgs

## OPTIONAL ACCESSORIES

Accessory Code	Name	Specification	Dia. of hole	Hole bottom shape	Block dimension
3900609006	Block	10 mm x 12	10.5 mm	Round bottom	153.5x95.5x50 mm
3900609007	Block	12 mm x 12	12.5 mm	Round bottom	153.5x95.5x50 mm
3900609008	Block	13 mm x 12	13.5 mm	Round bottom	153.5x95.5x50 mm
3900609009	Block	15 mm x 12(7ml tube)	15.5 mm	Round bottom	153.5x95.5x50 mm
3900609010	Block	16 mm x 12(10ml/15ml tube)	16.5 mm	Round bottom	153.5x95.5x50 mm
3900609011	Block	19 mm x 12	19.5 mm	Round bottom	153.5x95.5x50 mm
3900609012	Block	20 mm x 12	20.5 mm	Round bottom	153.5x95.5x50 mm



**Biolab Scientific Ltd.**

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada  
Email: [contact@biolabscientific.com](mailto:contact@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)