



NITROGEN SAMPLE CONCENTRATOR BCON-104

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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-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 | DESCRIPTION | Block dimension |
|----------------|-------|-------------|-------------------|
| 3900609006 | Block | 10 mm x 12 | 153.5 x 96 x 49mm |
| 3900609007 | Block | 12 mm x 12 | 153.5 x 96 x 49mm |
| 3900609008 | Block | 13 mm x 12 | 153.5 x 96 x 49mm |
| 3900609009 | Block | 15 mm x 12 | 153.5 x 96 x 49mm |
| 3900609010 | Block | 16 mm x 12 | 153.5 x 96 x 49mm |
| 3900609011 | Block | 19 mm x 12 | 153.5 x 96 x 49mm |
| 3900609012 | Block | 20 mm x 12 | 153.5 x 96 x 49mm |



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