

NITROGEN SAMPLE CONCENTRATOR LTCON8-4



NITROGEN SAMPLE CONCENTRATOR LTCON8-4

Nitrogen Sample Concentrators is a tabletop device that precisely uses the nitrogen purging technique to concentrate the samples. It works by blowing the nitrogen gas in the heating surface of the sample which leads to the evaporating and separating the solvent from the sample without oxygen. It is widely used in mass spectrophotometry in the analysis of sample preparation, hormone analysis and drug screening.

Used in Drug screening, hormone analysis, liquid phase.

Also known as Laboratory Concentrators.

LTCON8-4 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 diminish-"C"; i Operation is simple and convenient

Built in overheat protection, automatic fault detection and 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 state

channel is clear at a glance



SPECIFICATIONS

| Model | LTCON8-4 |
|---------------------------------|-----------------------------|
| 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 |
|----------------|-------|----------------------------|--------------|-------------------|------------------|
| 4100811008 | Block | 10 mm x 12 | 10.5 mm | Round bottom | 153.5x95.5x50 mm |
| 4100811009 | Block | 12 mm x 12 | 12.5 mm | Round bottom | 153.5x95.5x50 mm |
| 4100811010 | Block | 13 mm x 12 | 13.5 mm | Round bottom | 153.5x95.5x50 mm |
| 4100811011 | Block | 15 mm x 12(7ml tube) | 15.5 mm | Round bottom | 153.5x95.5x50 mm |
| 4100811012 | Block | 16 mm x 12(10ml/15ml tube) | 16.5 mm | Round bottom | 153.5x95.5x50 mm |
| 4100811013 | Block | 19 mm x 12 | 19.5 mm | Round bottom | 153.5x95.5x50 mm |
| 4100811014 | Block | 20 mm x 12 | 20.5 mm | Round bottom | 153.5x95.5x50 mm |



Labtare Analytical Instruments

Email: info@labtare.com | Website: labtare.com