

NITROGEN SAMPLE CONCENTRATOR LTCON8-4



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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 dimension; 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