

**LABdex**



# Sample Concentrator LX722SC

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## Description:

Sample Concentrator (96-gas-needles) LX722SC Sample Concentrator mainly used for centering and preparing samples in batch. It works by concentrating blowing nitrogen in the surface of sample which is being heated to accelerate evaporating and separating the solvent without oxygen

## Specifications :

Sample capacity	1 standard block
Power	400 W
Dimension ( W x D x H )	220 x 260 x 445 mm
Heating speed	≤ 30 min ( 40 °C to 150 °C )
Temperature control range	RT 5°C ~ 150°C
Temperature setting range	5°C ~ 150°C
Temperature stability ( 40 °C ~ 100 °C )	≤ ± 0.5 °C
Temperature stability ( 100 °C ~ 150 °C )	≤ ± 1 °C
Block temperature uniformity ( 100 °C )	≤ ± 0.5 °C
Block temperature uniformity ( 150 °C )	≤ ± 1 °C
Temperature display accuracy	0.1 °C
Time range	1 min ~ 99 h 59 min or continuous
Maximum needle plate lift stroke	275 mm

Gas-in joint outer diameter	Φ 7 mm
Nitrogen pressure	≤ 0.1 MPa
Nitrogen flow rate	0 ~ 10 L / min
Needle length	80 mm
Voltage	AC 220 V / AC 110 V, 50 / 60 Hz
Fuse	250 V, 3 A / 6 A, φ 5 × 20
Weight	5.5 kgs

## Features :

- Independently controllable gas needle
- Combinational working of dry heat bath and nitrogen blow surface
- Interchangeable optional blocks
- LED displays immediate temperature and diminishing time
- Operation is simple and convenient
- The height of the air cavity can be adjusted. The length of a standard gas needle is 80mm
- Optional flow regulating valve

## Applications :

Used for concentrating or preparing sample in batch. Such as drug screening, hormone analysis, liquid phase and mass spectrometry in the analysis of sample preparation

## Optional accessories :

Accessory No	Specifications	Hole diameter	Hole bottom shape	Block dimension
SC01	0.2 mm x 96	6.7 mm	Cone bottom	95.5 x 153.5 x 35.5 mm
SC02	Flat Bottom Plates	Top Size 76 x 116 x4mm	Flat Plate Block	95.5 x 153.5 x 22.5 mm



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