

# Sample Concentrator LX720SC



## Sample concentrator LX720SC

Sample concentrator LX720SC is a concentrator with temperature control range of RT 5°C~150°C and heating speed of 30 mins. Equipped with an adjustable gas needle and air chamber plate height to suit needs of different tubes. Complete equipment can be kept in ventilation cabinet when the concentrated sample is in toxic solvents. It work in combination with the heat from block heater and nitrogen blowing on the surface accelerating liquid evaporation and sample concentration



### Features

- Sample capacity – 2 standard block
- Adjustable gas needle and air chamber plate height
- Standard pre-configured air cavity and adjustable bracket
- Independently controllable gas needle
- Combinational working of dry heat bath and nitrogen blow surface
- Interchangeable optional blocks

### Application

Used for enrichment of large-volume sample or preparation such as drug screening, hormone analysis, liquid phase, and mass spectroscopy in the analysis of sample preparation

## Sample Concentrator LX720SC

### Specifications

Model No	LX720SC
Sample capacity	2 standard block
Power	400 W
Dimension ( W x D x H )	200 x 260 x 525 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	285 mm
Gas-in joint outer diameter	Φ 7 mm
Nitrogen pressure	≤ 0.1 MPa
Nitrogen flow rate	0 ~ 10 L / min
Needle length	150 mm
Voltage	AC 220 V / AC 110 V, 50 / 60 Hz
Fuse	250 V, 2 A / 3 A, φ 5 × 20
Weight	6.1 kgs

## Sample concentrator LX720SC

### Optional Accessories

Accessory No	Specifications	Hole diameter	Hole bottom shape	Block dimension
SC01	6 mm x 12	6.5 mm	Round bottom	95.5 x 76.5 x 50 mm
SC02	7 mm x 12	7.5 mm	Round bottom	95.5 x 76.5 x 50 mm
SC03	10 mm x 12	10.5 mm	Round bottom	95.5 x 76.5 x 50 mm
SC04	12 mm x 12	12.5 mm	Round bottom	95.5 x 76.5 x 50 mm
SC05	13 mm x 12	13.5 mm	Round bottom	95.5 x 76.5 x 50 mm
SC06	15 mm x 12	15.5 mm	Round bottom	95.5 x 76.5 x 50 mm
SC07	16 mm x 12	16.5 mm	Round bottom	95.5 x 76.5 x 50 mm
SC08	19 mm x 12	19.5 mm	Round bottom	95.5 x 76.5 x 50 mm
SC09	20 mm x 6	20.5 mm	Round bottom	95.5 x 76.5 x 50 mm
SC10	26 mm x 6	26.5 mm	Round bottom	95.5 x 76.5 x 50 mm
SC11	28 mm x 4	28.5 mm	Flat bottom	95.5 x 76.5 x 50 mm
SC12	40 mm x 2	40.5 mm	Round bottom	95.5 x 76.5 x 50 mm
SC13	0.5 ml x 12	8 mm	Cone bottom	95.5 x 76.5 x 50 mm
SC14	1.5 ml x 12	10.8 mm	Cone bottom	95.5 x 76.5 x 50 mm
SC15	2.0 ml x 12	10.8 mm	Round bottom	95.5 x 76.5 x 50 mm
SC16	0.2 ml x 12	6.1 mm	Cone bottom	95.5 x 76.5 x 50 mm