

# SAMPLE CONCENTRATOR

## LSCO-B1 Series



# Sample Concentrator

## Sample Concentrator LSCO-BI Series

Sample Concentrator LSCO-BI series is a microprocessor based PID controlled instrument using high-purity aluminium as heat conducting medium having temperature range of +5 °C to 160 °C. The models have airflow adjustment system to concentrate the samples and have provisions of concentrating around 12 samples at a time.

---

### Features

- ◆ Easy operation
  - ◆ Microprocessor based PID controller
  - ◆ Precised temperature control
  - ◆ High-purity aluminium as heat conducting medium
  - ◆ Adjustable airflow rate
  - ◆ Large number of samples can be blowed at a time
  - ◆ Individualistic blowing of sample
- 

### Applications

Sample Concentrator is used for sample preparation, drug screening, hormone assays, chromatographic analysis and scintillation counting.

# Sample Concentrator

## Specifications

Model no.	LSCO-B10	LSCO-B11
Number of samples	12 wells	12 wells
Nitrogen Flow Rate	15 L/min	15 L/min
Nitrogen Pressure	0.1 MPa	0.1 MPa
Block Quantity	1	2
Temperature Control Range	Room temp. +5 °C to 160 °C	Room temp. +5 °C to 160 °C
Needle length	150 mm	150 mm
Temp. uniformity	≤±0.5 °C	≤±0.5 °C
Temp. accuracy	±0.5 °C (at 40 °C) ±1 °C (at 120 °C)	±0.5 °C (at 40 °C) ±1 °C (at 120 °C)
Display accuracy	0.1 °C	0.1 °C
Heating time	≤15 min (from 25 °C to 160 °C)	≤15 min (from 25 °C to 160 °C)
Timing range	1 min-99 h 59 min	1 min-99 h 59 min
Voltage	AC220 V or AC110 V, 50/60 Hz	AC220 V or AC110 V, 50/60 Hz
Power Consumption	300 W	500 W
Dimension	260x220x475 mm	260x220x475 mm
Weight	6 kg	7.5 kg

## Optional Accessories

Block no.	Diameter of tubes	Capacity
SCB-01	10 mm	12
SCB-02	12 mm	12
SCB-03	13 mm	12
SCB-04	15 mm	12
SCB-05	16 mm	12
SCB-06	19 mm	12
SCB-07	20 mm	12