



SAMPLE CONCENTRATOR

LSCO-A1 Series



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Sample Concentrator

Sample Concentrator LSCO-A1 series

Sample Concentrator LSCO-A1 series accelerates the concentration of samples by blowing nitrogen gas at the rate of 15 L/min. It comes with a microprocessor controller which controls the temperature of high-purity aluminium when the equipment is in operation. The models have provisions of concentrating around 3 to 24 samples at a time.

Features

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

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

Sample Concentrator

Specifications

Model no.	LSCO-A10	LSCO-A11
Number of samples	3 to 24 wells	3 to 24 wells
Nitrogen Flow Rate	15 L/min	15 L/min
Nitrogen Pressure	0.02 MPa (Gas needle ≤ 16 pcs) 0.05 MPa (Gas needle > 16 pcs)	0.02 MPa (Gas needle ≤ 16 pcs) 0.05 MPa (Gas needle > 16 pcs)
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	260x220x450 mm	260x220x475 mm
Weight	7 kg	7.5 kg

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Optional Accessories

Block no.	Diameter of tubes	Capacity
SCB-01	10 mm	24
SCB-02	12 mm	24
SCB-03	13 mm	24
SCB-04	15 mm	16
SCB-05	16 mm	16
SCB-06	19 mm	12
SCB-07	20 mm	12
SCB-08	26 mm	8
SCB-09	28 mm	4
SCB-10	40 mm	3
SCB-11	1.5 ml (centrifuge tube)	24
SCB-12	2.0 ml (centrifuge tube)	24