

배양기 / 저온배양기



INCUBATOR / B.O.D INCUBATOR

How It Works

The heating device behind the center chamber wall heats up the air and heated air moves to each end of the chamber corner as airflow goes. Our P.I.D program precisely controls the temperature inside. Also, Stainless-steel structured inner components and the insulation material covered and wrapped around the cabinet help holding the temperature.

The Purpose of Use

Living organisms very sensitively react to environmental changes so that all the tiny factors can be bringing diverse outcomes. The design purpose of the incubator is to provide an excellent environment for cell, tissue, microbiological cultures by controlling cabinet conditions precisely.

The Field of Use

Cell and Tissue Culture, Pharmaceutical Study, Food Research, Animal Study, Solubility Study, and etc.

B.O.D Incubator



SJ-LIB
150/250



SJ - LIB series shows the most comfortable incubating environment at temperature ranges between $-5\text{ }^{\circ}\text{C}$ ~ $60\text{ }^{\circ}\text{C}$. A double-layered front door allows operational efficiency and user convenience.

Excellent Uniformity, Accuracy, and Stability

P.I.D Control System / Stainless Steel 304 (Chamber) / Glass-Wool Chamber Insulation / Silicone Rubber & Magnet Gasket

Convenient User-friendly Design

Temper-glass Window for Easy Monitoring / Top Located Control Panel / Auto-tuning / Adjustable Shelf Rack / Intuitive and Simple Controller (Digital & LED Indicator)

Safety Device
1. Electric Leakage Prevention 2. Overcurrent Prevention 3. Over-temp Prevention



Controller



Handle



Glass Window



Glass Window Handle



Shelves



Shelves Guide



Gasket



Drain Hose

SJ-LIB series Specifications



For product improvement, the specification below is subject to change without prior notice. Please, contact us for the specification consultant.

Spec / Model	SJ-LIB150	SJ-LIB250
AIR CIRCULATION	Forced Convection	
MAX TEMP	-5°C to 60°C (Less than RT. 25°C)	
DIMENSION INTERNAL(mm)	500x500x600	500x500x1,000
DIMENSION EXTERNAL(mm)	664x843x1,354	664x843x1,765
CAPACITY	150ℓ	250ℓ
MATERIAL INTERNAL	Stainless Steel(304) With Polishing Finished	
MATERIAL EXTERNAL	Steel Plate SS #41 With Powder Heating Coated	
DOOR	Out Door (Magnet) & Inner Door (5T Tempered Glass)	
MOVING CASTER	Foot Master	
MATERIAL PACKING	Silicon Rubber Packing	
TEMP & TIME CONTROLLER	Digital Microprocess P.I.D. Controller	
TIME RANGE	00.00 ~ 99Hr 59Min (0r Min-Sec) Selectable Digital Timer	
TEMP SENSOR	PT-100Ω 6.4Ø 100L	
HEATER CAPACITY	1Kw	1.5Kw
HEATER CONTROL	S.S.R.(Solid State Relay)	
POWER	220-230V~, Max 6A	220-230V~, Max 8A
SAFETY	Electric Leakage Breaker, Over Temp. Protection Device	
REFRIGERATION	¼HP	½HP
SHELVES	SUS Wire Shelves x 2ea	
INSULATED COMPONENT	GLASS-WOOL	