

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.

# Incubator



**SJ-IB**  
80/150/252



SJ-IB series shows the most comfortable incubating environment at temperature ranges between 5 °C ~ 60 °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



# SJ-IB 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-IB80	SJ-IB150	SJ-IB252
AIR CIRCULATION	Forced Convection		
MAX TEMP	Max 60°C		
DIMENSION INTERNAL(mm)	430x400x470	550x450x600	700x600x600
DIMENSION EXTERNAL(mm)	574x635x718	694x685x848	844x835x848
CAPACITY	80ℓ	150ℓ	252ℓ
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	Fixed Caster		
MATERIAL PACKING	Silicon Rubber Packing		
VENT	40Ø Vent Hole		
TEMP & TIME CONTROLLER	Digital Microprocess P.I.D. Controller		
TIME RANGE	00.00 ~ 99Hr 59Min (0r Min-Sec) Selectable Digital Timer		
HEATER CONTROL	S.S.R. (Solid State Relay)		
HEATER CAPACITY	300W	500W	1Kw
POWER	220-230V~, Max 1.4A	220-230V~, Max 2.3A	220-230V~, Max 4.5A
SAFETY	Electric Leakage Breaker, Over Temp. Protection Device		
SHELVES	Coating Wire Shelves x 2ea		
INSULATED COMPONENT	GLASS-WOOL		