

## Why Choose BST CO<sub>2</sub> Incubator?

- ❖ Most Cost Effective
- ❖ Highest Level of Reliability & Safety
- ❖ Maximum space saving
- ❖ Easy locking door System
- ❖ Best controlled environment for studies
- ❖ Microprocessor based controlling and Display of parameter

## Features

- Multiple heaters to provide precise temperature and fast-feedback temperature sensors and advanced microprocessor to guarantee a uniform temperature in the chamber.
- Infrared (IR) CO<sub>2</sub> sensor and advanced microprocessor control ensure highly uniform atmosphere and fast recovery after door opening.
- A single piece water tray that can be easily removed for emptying, cleaning, and refilling to maintain humidity.
- HEPA (High Efficiency Particulate Air) filter, UV light sterilization or High Temp disinfection process
- Heavy-duty door hinges and latches to maintain a secure and uniform seal
- Florescence light for general purpose.
- Racks & trays – Stainless Steel with adjustable height
- Double walled modular structure with 3” thick PUF insulation
- Inner chamber made up of Stainless Steel and outer powder coating

Parameters/Models	BST-ICB50	BST-ICB80L	BST-ICB150	BST-ICB180S
Microprocessor based control	Proprietary algorithm to control oxygen, Co2, Humidity and Temperature			
Digital display	LCD Display	LCD Display	LCD Display	Touch screen LCD Display
Co2 sensor	IR co2 sensor, varies from 0.00 % to 20 %, accuracy/ resolution is 0.1 %			
Temperature	PID controller, ambient +5° C to 60° C, accuracy $\pm 0.5^\circ$ C			
Humidity	Sensors based controlling, 40 to 99 %, accuracy $\pm 5$ %			
Sterilization	UV Sterilization	UV Sterilization	Heat Sterilization	Heat Sterilization
Shaker	No	No	No	Yes
Shaker Speed	No	No	No	100- 250 rpm
MOB	Inner chamber made up of Stainless Steel and outer powder coating			
Light	Florescence light			
Filters	Hepa filters at gas inlet			
Oxygen sensors	Solid state oxygen sensors, range 0.0 % -0.1 % to 20 %			
Oxygen sensors	Optional	Optional	Optional	Optional
Capacity	50 L	80L	150L	180L
Inner Dimensions, L x D x H mm	375 x 375 x 375 mm	450 x 450 x 450 mm	550 x 550 x 600 mm	550 x 600x 600 mm
Outer Dimensions, L x D x H mm	550 x 550 x 590 mm	650 x 650 x 750 mm	750 x 750 x 900 mm	750 x 800 x 850 mm

