

BOD INCUBATOR



// CABINET FEATURES:

- Expanded polyurethane thermal insulation walled, including doors;
- Low levels of temperature loss to the outside environment;
- Interior illumination when opening the door;
- Internal chamber with polymer coating, pre-molded, anti-corrosion;
- External cabinet and shelves made of 1020 carbon steel with epoxy powder coating;
- Electrostatic smooth epoxy powder coating, corrosion resistant;
- Leveling feet;
- Blind door with magnetic seal;
- Inside water reservoir for moisture maintenance.



// INCLUDED ACCESSORIES:

- Shelves;
- Plastic Drawer.

// OPTIONAL:

- Calibration certificate from RBC/INMETRO for temperature control;
- Calibration certificate from RBC/INMETRO for the equipment;
- Shelves/racks in stainless steel;
- Output for software communication;
- Ramp and level's controller with 4-20 mA output for software temperature recording and monitoring;
- Humidity control and / or photoperiod.

// TECHNICAL DATA:

TEMPERATURE RANGE	-10°C up to 60°C (other temperatures, under analysis)
ELECTRICAL RESISTANCE	Stainless steel shielded resistance (easy to replace)
TEMPERATURE CONTROL	PID system controller by microprocessor and autotuning
DISPLAY	LED 4 digits
RESOLUTION	0.1°C for temperature indication process
TIMER	1 to 9999 minutes (1 in 1 minute) programmable
PROCESS INDICATION	LED
TEMPERATURE SENSOR	PT 100
POWER CABLE	3 pins - Brazilian standard (NBR 14136)
HERMETICAL COMPRESSOR	1/8 Hp power / compressor with CFC free R 134 A
SYSTEM THERMOSTAT	Safety against temperature rise and automatic shutdown of the cooling system
AIR CIRCULATION SYSTEM	Silent system with vertical hot and cold forced airflow, to ensure homogeneity inside the chamber
POWER SUPPLY	110V or 220V (must be defined by customer)

// MODEL DETAILS:

MODEL	CAPACITY	STORAGE CAPACITY	INTERNAL MEASURES	POWER	SHELVES
SSBOD 120L	120 liters	109 liters	54x48.2x42.2 cm	200 W	2
SSBOD 342L	342 liters	323 liters	134x52.5x46 cm	400 W	2

Notice: Any product presented can be produced according to customer's needs. All models come with English language instruction manual. 1-year warranty against manufacturing defects.