

# BIC-800 Artificial Climate Incubator



## **Product Name: ARTIFICIAL CLIMATE INCUBATOR**

Product Model: BIC-800

## **APPLICABLE SCOPE:**

The artificial climate incubator (General drug stability test chamber) is a specialized constant temperature, humidity, and illumination apparatus for mold, bacteria and micro-organisms cultivation and preservation, plant growth, tissues cultivation in sanitation epidemic prevention, environmental protection, forestry, agriculture, animal husbandry research institutes.

## **PRODUCT CHARACTERISTICS:**

The shell is made of cold-rolling steel with static spray plastics, the working chamber is made of mirror stainless steel, the shelves can be adjusted optionally;

Microcomputer intelligent control, LCD screen displays temperature, time and illuminance, over-temperature alarm function;

Test hole is equipped on the top, internal diameter is 30mm and external diameter is 60mm;

Well-known international brand compressor, non-CFC refrigerant which is environmental, efficient and energy-saving;

Patented technology: integrated type refrigeration system, multiplex protection, safe running, effective self-checking, no energy expenditure and unconventional auto-defrosting, avoid the influence to temperature, makes the equipment work for a long time continuously;

Illuminance can be adjusted in six steps, Three-dimensional lighting type to enhance the uniformity;

Programmable design, it can be set 30 segments 99 cycles;

Be equipped with RS-485 interface which can be connected with computer or recorder;

The function of parameters memory and recovery for data protection caused by power failure or system halted;

Options: One choice from three: printer (can print into curve), GPRS SMS Alarm, computer monitoring;

Color LCD screen with preset function, and two choices from three: printer (can print into the curve), GPRS SMS Alarm, computer monitoring.

## **TECHNICAL PARAMETERS:**

Model: BIC-800

Temp. Range: 0-60°C(no lighting); 10-60°C(lighting)

Temp. Resolution: 0.1°C

Temp. Fluctuation:  $\pm 0.5^{\circ}\text{C}$

Temp. Uniformity:  $\pm 1^{\circ}\text{C}$

Humidity Range: 60%-90%

Humidity Fluctuation:  $\pm 5\%$

Illuminance: 0-15000Lx (six steps adjustable)

Power: 4500W

Time Range: 0-9999 min

Working Chamber (mm): 1220×585×1123

Overall Size (mm): 1633×910×1820

Shelves: 6pcs