



SK-SY08

CARBON DIOXIDE INCUBATOR



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FEATURES AND HIGHLIGHTS

Design:The carbon dioxide incubator is a laboratory instrument used for culturing cells, tissues, and bacteria, mainly applied in microbiology, agricultural science, pharmaceutical research and production.

Working principle: The carbon dioxide incubator is a device used for in vitro culturing of cells and tissues by simulating a growth environment similar to that of a cell/tissue in a biological organism within the incubator chamber. The incubator requires stable temperature (37°C), stable CO2 level (5%), constant pH (pH value: 7.2-7.4), and high relative humidity (95%) to culture cells/tissues.

Technical parameters

▪ Volume	80L
▪ Workspace dimensions (mm)	500x400x400
▪ Overall size (mm)	580x570x850
▪ G.W./N.W.	58kg/46kg
▪ Power	680W
▪ Temperature range	indoor temperature+5~50°C
▪ Temperature accuracy	±0.5°C
▪ Timing	0-999min
▪ CO2 scope	0-20%
▪ CO2 precision	±0.1%



Material

The chamber is made of thick cold-rolled steel plate, which is sturdy and reliable. Electrostatic spray coating shell, non peeling paint, corrosion resistant.



Control panel

It has dual digital display for setting and measuring temperature, as well as digital display of operation time. Microcomputer control is precise and reliable, and it is equipped with an over-temperature alarm device.



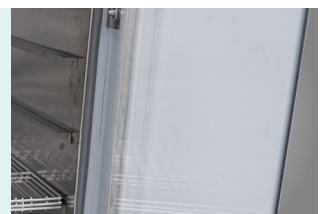
Thermal insulation layer

Water jacket type efficient insulation layer, temperature control is stable. Made of stainless steel, the inner tank has four corners with a semi-circular shape, which is easy to clean.



Incubator door

The door of the incubator can heat the inner glass door, which can effectively prevent the glass door from producing condensation and avoid the possibility of microbial contamination caused by condensation on the glass door.



Alarm function

Automatic alarm when work is finished.





CONSTANT INNOVATION



Design



Research



Manufacturing



Maintenance



Service



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Company video



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