

CO₂ INCUBATOR AIR JACKETED INC070-190



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Replace traditional button operation to touch screen interface.

It can display on time performance curve. You can check the temp., humidity and CO2 concentration three group curves changes at the same time. And abnormal alarm and door open or close message

When parameters are set, the controller will lock the screen automatically, it avoid unauthorized person wrong operation on the machine

72 hours machine performance inquiry, it is convenient for user to check abnormal situation and track historical running information

RS-485 communication port as options can be remote control on computer for monitoring the running and start or close the machine

PT100 temp. sensor keeps inside chamber temperature accurate. It can adjust the heating power according to the temp. differences between actual temp. in the chamber and set temp. to make sure temp. in the chamber is accurate. It can resume experiment temp. in 3 min after user open and close door to take samples

Water jacket heating method to ensure working chamber temperature is uniform, when it is power off, the chamber can maintain the temp. for a long time

Outer door ring has heating function. The temperature of door ring will be a little bit higher than temp. in the chamber to prevent condensed water coming from the inner glass door. It facilitates observe the experiment process, also it avoid the biological pollution possibility due to the condensed water from the inner glass door

Simple operation: The user just press the sterilization start button on the control panel, the sterilization system starts to thoroughly sterilize the chamber (Including temp. sensor, CO2 concentration sensor, fan, shelves and brackets etc)

The whole sterilization cycle is shorten to 18 hours



SPECIFICATIONS

Model	INC070-190
Capacity	190 L
Electrical requirement	AC 220 V / 50 Hz
Input Power	750 W
Heating power	Air jacket micro computer PID control
Temp. control range	RT+3 - 50°C
Work environment temp	+5 - 30°C
Temp. accuracy	±0.1°C
CO2 control range	0 - 20 %
CO2 control accuracy	±0.1% (IR sensor)
CO2 restore time	(Door open 30s, recovery to 5%) ≤ 3min
Temp. restore time	(Door open 30s, recovery to 37°C) ≤ 8min
Related humidity	Nature vaporate > 95%(Can equip with related humidity digital display)
Chamber size	520Wx530Dx690H mm
Overall size	708Wx710Dx1030H mm
Standard shelves quantity	3 pcs
Sterilization	90 degree centigrade and UV sterilization + HEPA high efficient filter



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