



## INFANT INCUBATOR BIIC-801

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Infant incubator is one of the important equipment used in medical institutions. It is mainly used for constant temperature cultivation, temperature resuscitation, oxygen delivery, rescue, hospitalization and observation of sick infants and premature infants. It is used in hospitals, confinement centers, neonatology, etc.



1. LCD display.
2. Double control modes of bed temperature and skin temperature.
3. Double-layer thermostatic cover, automatic air curtain device.
4. Humidity control function.
5. Air&Oxygen blender.
6. Oxygen supply system.
7. Baby cot is infinitely adjustable.
8. 24 kinds of sound and light alarm, comprehensive protection of baby safety.

## SPECIFICATIONS

Model	BIIC-801
Power Supply	AC220V, 50/60Hz (Standard) 1320VA; AC110V, 60Hz (Optional)
Size(L*W*H)	950*645*(1250~1450)mm
Maximum Heater Output Power(220VAC)	Air Chamber Heater: 330W; Water Tank Heater: 155W
Auxiliary Network Power Output	AC220V/50Hz, both maximum permissible currents are 220V 1.5A
Heater Indication	0~100%, 10% increasing amount
Temperature Control Mode	Bed temperature mode; The skin temperature mode
Bed Temperature Control Temperature Range	25.0~37.0°C; 37.1~39.0°C (Span mode)
Skin Temperature Control Range	34.0~37.0°C; 37.1~38.0°C (Span mode)
Skin Temperature Sensor Display Range	5.0~65.0°C
Heating Time	≤50min
Temperature Variability	≤0.5°C
Temperature Uniformity (Mattress in horizontal position)	≤0.8°C
Temperature Uniformity (Mattress in tilted position)	≤1.0°C
Difference Between Average Incubator Temperature and Control Temperature	≤1.5°C
Skin Temperature Sensor Accuracy	±0.3°C
The running time of the tank after it is filled with distilled water	Humidity below 70%RH, at least 24h
Water Tank Capacity	1500ml
Humidity Display Range	0%RH~99%RH
Humidity Control Range	CAH%RH~90%RH (1% per adjustment)
Humidity Control Accuracy	±10%
Oxygen Concentration Display Range	0%~99%
Oxygen Concentration Display Resolution	1%
Oxygen Concentration Control Accuracy	±5% oxygen volume concentration
Oxygen Concentration Setting Range	21%~60% (1% per adjustment)
Oxygen Sensor Service Life	The maximum use time is 10000h at 100% oxygen concentration
Transport Storage Temperature	-20°C~+55°C

Atmospheric Pressure Range	500hPa~1060hPa
Relative Humidity ( $\leq$ )	$\leq 93\%RH$
Packing Size/Gross Weight	1150*800*1600mm, 190kg
Relative Humidity (30%-75%)	30%RH~75%RH
The Environment Temperature	+20°C~+30°C
Service Altitude	$\leq 2000m$
Over Voltage Category	II
Pollution Levels	2
Ambient Air Velocity	$\leq 0.3m/s$
Environmental Noise In Incubator Baby Compartment	No more than 55dB(A) at stable temperature
Carbon Dioxide Concentration In The Infant Compartment	A mixture of 4% carbon dioxide and air was fed into an 8mm diameter tube ... concentration was less than 0.5% after stabilization
The velocity of air flow over a baby's mattress	$\leq 0.35m/s$
General Alarm	Power failure alarm, fan alarm, sensor alarm, deviation alarm, over temperature alarm, water tank placement error alarm, water shortage alarm
The System Alarm	Mcu1 and Mcu2 communication error alarm, Mcu2 and Mcu3 communication error alarm, analog-to-digital conversion chip 2544 failure alarm, analog-to-digital conversion chip 2548 failure alarm, over temperature alarm, temperature heating system failure, humidity heating system failure
Temp. Control	Bed/Skin Temperature
Display	LCD
Bed Temp. Control Range	25°C~39°C
Skin Temp. Control Range	34°C~38°C
Oxygen Control Range	21%~99%
Cabinet	Yes
Height Adjustable	/
Alt Name	Infant Incubator



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