



## CO2 INCUBATOR AIR JACKETED BCAJ-6801

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LCD screen, micro computer PID control that can display temp. CO2 concentration, related humidity, operation failure reminder and menu operation are easily to observe and use

90 degree high temp. high humidity sterilization system (RHP) can thoroughly sterilize the chamber (Including temp. sensor, CO2 concentration sensor, fan, shelves and brackets etc) with high temp and high humidity

It eliminates bacteria, mold, mycoplasma etc microbiology those will pollute the microorganisms cell culture and provides a safe experiment environment

Cycle fan speed can be adjusted automatically.

When chamber temp. is stable, the fan speed will be lower down, the speed will be adjusted to a suitable speed that the cell can growth. It avoids the fast fan speed that evaporating the samples

CO2 inlet control system has pressure protection function, it prevents over pressure or low pressure to the pipes

High and low temp. and over temp. alarm

Chamber sensor failure alarm

Door temp. sensor failure alarm

Over temp sensor failure alarm

CO2 condensation too high or too low alarm

Independent temp. limiter alarm

Door open too long alarm

Disinfection and sterilization status reminder

All data can be stored through RS485 port, if any failures, user can read the diagnostic message and data from computer at any time.

## SPECIFICATIONS

Model	BCAJ-6801
Capacity	40 L
Electrical requirement	AC 220 V / 50 Hz
Input Power	350 W
Heating power	Air jacket micro computer PID control
Temp. control range	RT+5 - 55°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	400Wx286Dx350H mm
Overall size	590Wx440Dx576H mm
Standard shelves quantity	2 pcs
Sterilization	UV sterilization+HEPA sterilization



**Biolab Scientific Ltd.**

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada

Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)