BioLAB

PRODUCT CATALOG

CO2 INCUBATOR AIR JACKETED BEV1D1 (BCAJ-201)

CE ISO9001 CERTIFIED

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CO2 INCUBATOR AIR JACKETED BEV1D1

CO2 INCUBATOR

Use in cell culture, microbiology research, pathology academic, life science fields;
CO_2 Incubator succeeded in creating a natural growth of the same simulation environment, Chamber heating technology to provide a stable temperature, the professional-grade IR CO_2 sensor, more accurately detect CO_2 concentration;
Equipped with UV sterilization lamp, effectively prevent cross-contamination of cultivation
IQ, OQ, PQ and other related certification services.
Aus. AS2064 certification. CE certification. Two-year warranty period.

Chamber Preheating Technology
Chamber preheating technology is the heating element evenly distributed in the interior, pre-heat the cavity and inner wall, and then through the heat transfer and forced-fan convection, so that the temperature of each cavity can accurately reach and maintain setting value, thus ensuring uniform distribution of the cavity temperature.
Chamber of six surface heating, in which the glass door is in possession of the heating system to prevent frost of the glass door.
CO_2 Incubator with low energy consumption, heat not easily lost. Save energy, enabling customers to use the cost reduction.
Clean Air Circulation System
Perfect forced convection of the air circulation system to ensure the shortest t

SPECIFICATIONS

Model	BEV1D1
Old Model	BCAJ-201
Convection Mode	Forced Convection
Control System	Microprocessor PID
Temp. Range (°C)	RT+5°C~55°C
Temp. Accuracy (°C)	0.1
Temp. Fluctuation (37°C)	±0.5
Temp. Uniformity (37°C)	±0.8
CO_2 Range	0~20%
CO_2 control way	IR sensor (±0.1%)
CO_2 Recovery time	(after 30 seconds door opening to 5%) ≤2 minutes
Temp. Recovery time	(after 30 seconds door opening to 37°C) ≤8 minutes
Relative humidity	natural evaporation >95% (with Temp. display)
Working environment	Ambient temperature: 10~30°C, Humidity<70%
Insulation materials	Imported environmental protection type material
External Dimensions (HxWxD) mm	755x550x547
Internal Dimensions (HxWxD) mm	500x400x400
Interior Volume (L)	80
Interior materials	SUS304 stainless steel
Shelves number	2
Power supply voltage	Single phase AC220V/50Hz
Standard power (W)	500
Net Weight (KG)	35
Shipping Weight (KG)	38
Shipping Dimensions (HxWxD) mm	880x630x635
Alt Name	CO2 Incubator




ACCESSORIES FOR PURCHASE

No	Name
1	portable printer
2	Air interface
3	software
4	High efficiency gas filter system (efficiency is up to 99.998%=0.3um)

FEATURES

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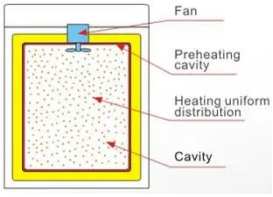
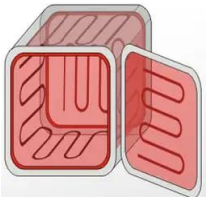




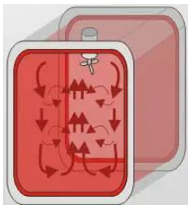
Clean Air Circulation System

Perfect forced convection of the air circulation system to ensure the shortest temperature recovery time after opening. With internationally renowned brands with a cooling fan (no maintenance, high durability), the experiment and the culture effect to reach ideal extent

Air circulation system sufficiently to ensure the continuous stability of the temperature of the working chamber. Customer set temperature is reached, given the perfect environment for sample culture;

CO_2 inlet valve with a filter device to ensure cleanliness of the cavity gas;

Equipped with a UV sterilization system in the chamber, regular basis to eliminate the cavity contaminating microorganisms effectively prevent cross-contamination during culture.



Clean airflow circulation system

Excellent Imported Temperature Sensor,Humidity Sensor,CO2 Sensor.
Imported industrial temperature sensor PT100, short response time, low self-heating temperature.
Imported humidity sensor, aerospace material, no maintenance, precise humidity control level.
Imported IR CO_2 concentration sensor with automatic temperature compensation, allows high humidity (>98%) long-term use of the environment, high accuracy, low drift, and the CO_2 concentration can be fast recovery characteristics.

Pt100temperature sensor

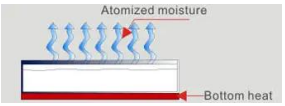
Precise humidity sensor

CO_2 density sensor

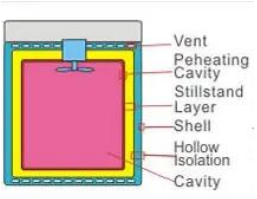
Programmable PID Control
Integrated, dot-matrix LCD display, Chinese and English subtitles, all the parameters display clearly at a glance. Display parameters: Temperature setting value, Temperature measured value, Humidity, CO_2 setting value, CO_2 measured value, Heating, Fast input, Slow input, Sterilization, run/stop.
Adaptive PID controllers precisely control the temperature, prevent temperature soaring, keep the working room temperature stable and uniform.
User password protection, built-in multifunctional memory menu, connect to multiple devices (up to 16 units) by RS485 interface at the same time, real-time monitoring.
Set operations with beep tips.
Remote-controlled operation, with programmable software (optional).

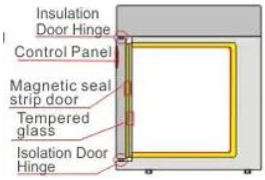
Power socket and Rs485 interface

Inside Water Pan Humidification Technology
The original water pan and liner integrate a humidifier design, so that the water quickly atomizes.
Soft airflow with water vapor of the water pan out the cavity, make humidity up and recover, to ensure that the culture needs saturated water.



Isolation Technology
Inner isolation door design, take full account of customers in the observation of cavity samples, ensure the consistency of the cavity temperature.
Based on the effective use of heat design, complete isolation between the liner and shell to avoid energy loss due to heat transfer.
Adopt imported high-density thermal insulation material wrapped liner, effective heating insulation and stillstand.
Good silicone door seal, with the magnetic outside door design, ensure excellent sealability.





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