Co2 Shaking Incubator

*High-precision speed control. PID feedback control, the motor speed is stable and accurate, the accuracy of ± 1RPM
*High-precision temperature control. PID feedback control, the measurement accuracy of 0.1 °C. Audible and visual alarm, when the measured temperature deviation from the set value ≥ ± 3 °C,
*Unique drive system. It makes the machine running smoothly, stably, durably and reliably.
*Super visual 7 inch color touch screen. Modular classification displays different functions, 7 inch touch screen under large angle to display control parameters.
*The display has a real time temperature and speed curve display function. Historical data and real time date at the same diagram display, easy to check.
*Memorized and protected operating parameters. Unexpected power outage, the original set-up process can be automatically resumed.
*Function of encrypted and locked operating parameters. It can avoid human errors.
*Continuously running or timing. Shakers can display the set time and time remaining
*Unique slow-start design. Preventing the shake-flask liquid splashing caused by a sudden start, effectively guaranteeing the accuracy of quantitative experiments
*A remote WIFI operation as an optional. Mobile phone operation can be realized.
*Clock and date can be displayed (touch screen only).

Model	BJPX-C2102CDC
Control model	P.I.D microprocessor chip
Convection model	Forced convection
Shake model	Convolution
Display	7 Inch touch screen
Control system	Multiple Programmable mode(temp,speed,time)
Cyclotron frequency range(rpm)	0，20-350(To do static culture)
Cyclotron frequency sensitivity(rpm)	±1
Orbit Diameter(mm)	Φ26
CO2 Density range	0～20.0%
Maximum capacity	100ML×68 OR 250ML×50 OR 500ML×32 OR 1000ML×18
Standard capacity	250ml×48
Size of platform(mm)	485×485
Timing range(h)	0-999.9(Any time,continuous duty)
Temperature range(℃)	4°Cto 65°C（20°C）
Temperature regulate sensitivity(℃)	±0.1
Temperature uniformity(℃)	±0.5（37℃）
Temperature uniformity(℃)	≤0.1（37℃）
Number of platform	TWO
External Size（W*D*H）(mm)	700×710×1320
Capacity（L）	218
Power（W)	850
Power supply	AC220±10% 50HZ
Net weight(kg)	190
Gross weight(kg)	230
Other functions	Ultra-low speed start, Adjustable start speed，Overspeed auto-prtection，Watch dog timer，Parameters Storage，Encryption parameters，Electricity incoming recovery，Refrigeration unit overload protection，Sound and light alarm when upper and lower overtemperature，Automatically stop when opening the door，Function of lighting and UV disinfection (optional)

*Automatic analyzing, listing table, charting and printing on downloaded dates. It can trace back to the whole process of experiment in order to optimize the reaction conditions and choose the test method to confirm the experiment process.
*High quality servo motor. Speed control accurately, noiseless, durable and high efficiency.
*Multi-steps rotate speed, temperature and time control systems. Different rotational speed, temperature and time can be set at one time; operation model can be automatically converted during operation.
*Slow accelerate and decelerate design. Slowly start and stop, prevent bacteria or cells to shear force is too large and damage.
*Advantaged air duct design. Air duct design contributes to high-precision temperature uniformity.
*Automatic defrosting function. It makes shakers operating stably in low temperature for a long time.