

CO2 Incubator

Carbon dioxide (CO2) incubators provide optimal growing conditions and contamination prevention for valuable cell cultures. OLABO provides a wide range of CO2 incubators, ranging from a small capacity and volume to a large scale capacity cabinet. All the CO2 incubators are build with the patented Water Jacket and Air Jacket systems, which minimizes the risk of condensation at the present and in the future.



LCD touch screen



USB port



Push-pull shelves with holes

Features

- * Air jacket: with 90℃ steam sterilization function.
- * Equipped with USB port and LCD touch screen, the incubator can save data in real time.
- * High quality infrared sensor for accurate CO2 concentration.
- * The working chamber adopts round angle structure , easy to clean.
- * High quality CO2 gas filter ensures the inside gad quality.
- * SMC brand gas circuit valves ensure more stable CO2 concentration and less consumption of CO2 gas.
- * Push-pull shelves with holes ensures better temperature uniformity.
- * Microcomputer controller, LED displays temperature,CO2 concentration ,run-time and timing.
- * Three Liters water reservoir in the bottom chamber ensures high humidity.

Technical Parameters

Model	BJPX-C50II	BJPX-C80II	BJPX-C160II
Capacity	50L	80L	160L
Heating	Air jacket		
Temp. Range	RT +5 ~ 60 ℃		
Control Type	Temperature and humidity transmitter		
Temp. Fluctuation	≤ ±0.2℃ (at 37℃)		
Temp. Uniformity	≤ ±0.3 ℃ (at 37℃)		
Time Setting	999h or continuous		
Alarm	Audible and visual alarm; Over-temperature alarm; CO2 Concentration alarm.		
Shelves	2 pcs/ adjustable		
Material	External cold-rolled steel with painting; internal stainless steel		
Door	With inner door and external door		
CO2 Range	Infrared sensor,range 0~20%		
CO2 Control Resolution	0.10%		
Humidification Type	Waterreservoir in the bottom chamber ensures high humidity(90%≤relative humidity≤99%)		
Sterilization Type	With 90℃ moist heat decontamination function (95%≤humidity≤99%RH)		
Ambient Temp. & Humidity	18~30℃,suggest 25±2℃; relative humidity ≤80%		
Caster	Footmaster caster		
Consumption	350W	650W	700W
Power Supply	AC110/220V±10%, 50/60Hz		
Internal Size(W*D*H)mm	308*392*442	368*452*517	468*552*648
External Size(W*D*H)mm	551*713*765	611*773*841	711*873*991
Packing Size(W*D*H)mm	681*843*840	705*867*978	805*967*1128
Gross Weight(kg)	85	93	120