



CO2 INCUBATOR WATER JACKETED

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Designed to provide uniform temperatures and highly stable CO2 environment for your important cell cultures. Microcomputer control system provides dependable thermal protection and quickly restores temperature after the slightest fluctuation. Simple to operate with data storage features, our product is a must have for cell culturing applications.

Used in Biolab CO2 Incubator Water Jacketed is your ideal partner for cell culturing procedures. It is widely used in tissue culturing, tissue engineering, in vitro fertilization, mammalian cell research, oncology studies..

300 CO2 INCUBATOR WATER JACKETED



- High precise gas sensor is applied with automatic start function
- HEPA filter, 0.3um, Efficiency:99.998%
- RS232 interface
- Internal glass door
- Advanced fuzzy logistic PID control and menu operating interface
- Full arc internal structure is treated with electrolytic polishing
- Pressure compensation hole
- Water reservoir volume: 3L
- Alarms: Intelligent alarm, temperature deviation alarm and CO2 density deviation alarm functions etc.
- Over temperature protection system

SPECIFICATIONS

Model	BCWJ-301-A	BCWJ-301-B
Capacity	185 L	
Temperature Range	RT +5~55°C	
Temperature Accuracy	±0.1℃	
Temperature Control Alarm	±0.1℃(adjustable)	-
CO2 Range	0-20%	
CO2 Accuracy	5%±0.1%	
CO2 Sensor	TCD	IR
CO2 Alarm	±0.1% (adjustable)	
CO2 Recovery Time	About 1%/min	
CO2 Filter Efficiency	99.998%	
Relative Humidity	95±3%	
Jacket Type	Water Jacketed	
Temperature Sensor	PT1000	
Chamber Dimension	540x505x680 mm	
Overall Dimension	660x630x1105 mm	
Shelves	4	
Power Supply	220V 50HZ/60HZ	

BCWJ-302 CO2 INCUBATOR WATER JACKETED



Microprocessor temperature and CO2 controller

Water reservoir volume: 3L

Alarms: Power interruption, High/Low temperature, CO2 deviation, low RH programmable alarm, Door ajar, Independent over heat protection

RS232 interface

Type 304 Stainless steel shelves

SPECIFICATIONS

Model	BCWJ-302
Capacity	185 L
Water Jacket Volume	43.5 L
Temperature Range	5°C above ambient temperature to 55°C
Temperature Uniformity	±0.2°C
Temperature Stability	±0.1°C
CO2 Range	0-20%
CO2 Stability	±0.1%
CO2 Sensor	Thermal conductivity / IR
CO2 Inlet Pressure	0.1 Mpa
Filter	0.3um, Efficiency:99.998% (for CO2)
Relative Humidity	≥ 95%
Jacket Type	Water Jacketed
Inner door	one inner door standard
Temperature Sensor	PT1000
Interior	Type 304, mirror finish, stainless steel
Exterior	Cold-rolled steel, powder coated
Chamber Dimension	544x504x681 mm
Overall Dimension	655x656x1030 mm
Shelves	3 standard, 11 maximum
Weight (Net/Gross)	110 kg
Power	430 W
Power Supply	220V/50Hz (standard), 110V/60Hz (Optional)



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