



CLIMATIC CHAMBER

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Our chambers provide excellent temperature and lighting control for regulated growth of plants and other products. Its responsive humidification sensor and energy efficient design make it a preferred choice for a wide range of applications.

100 SERIES CLIMATIC CHAMBER



- Programmable microcomputer based PID controller with LCD display
- Unique air circulation system ensures temperature uniformity
- Mirror finished stainless steel inner chamber and cold-rolling steel with static spray plastics exterior
- Double door design with built-in tempered glass viewing window
- Built in high capacity intelligent humidification system
- Automatic water replenishment by external tank
- 3-side illumination can be adjusted in five steps
- Durable refrigeration system with small temperature fluctuation, auto defrosting and multiple layers security
- Environment efficient, energy-saving Fluorine-free Refrigerant R134
- Timer and over temperature alarm function

SPECIFICATIONS

Model	BCCL-101	BCCL-102	BCCL-103
Capacity	150 L	250 L	350 L
Temperature Range	5-50°C (Light off), 10-50°C (Light on)		
Temperature Accuracy	±0.5°C		
Temperature Uniformity	±2°C		
Temperature Fluctuation	±2°C		
Temperature Resolution	0.1°C		
Temperature Sensor	Pt 100Ω		
Illumination Range	0-10000 lux	0-15000 lux	
Timer Range	0-99h		
Control Steps	5 Steps		
Shelves	2		
Load per Shelf	10 kg		
Inner Dimension	800x500x380 mm	1000x550x450 mm	1200x550x550 mm
Overall Dimension	1350x640x660 mm	1550x690x660 mm	1700x750x700 mm
Weight (Net/Gross)	120/150 kg	155/200 kg	188/220 kg
Power	900 W	1000 W	1200 W
Power Supply	220V, 50Hz		

OPTIONAL ACCESSORIES

Accessory Code	Name
BX-103561	Portable integrated data printer
BX-103562	Microcomputer communication interface and software
BX-103563	Test hole and gas interface
BX-103564	Power socket
BX-103569	Test hole

200 SERIES CLIMATIC CHAMBER



Forced convection mode
 30 Stages programmable Microcomputer PID
 Imported environmental protection insulation materials
 Excellent Imported temperature and humidity Sensor
 SUS304 stainless steel interior material
 ALLCOLDTM: Refrigeration Technology
 ALLIGENTTM: Humidification System
 ALLFLOWTM: Perfect Air Current Cycling

SPECIFICATIONS

Model	BCCL-201	BCCL-202	BCCL-203
Capacity	250 L	300 L	400 L
Temperature Range	10°C~65°C(Light on)/0°C~60°C(Light off)		
Temperature Uniformity	±1 (10-40°C)		±1.5 (10-40°C)
Temperature Fluctuation	±1°C		
Temperature Resolution	0.1°C		
Using Environment Temperature	Ambient temp.10~30°C		
Using Environment Humidity	<70%		
Illumination Range	0-15000 (5 stages adjustable)		
Timer Range	0-99h/0-9999mins		
Shelves	3	4	
Inner Dimension	1100 x 480 x 480 mm	1100 x 540 x 520 mm	1148 x 554 x 610 mm
Overall Dimension	1780 x 710 x 775 mm	1780 x 770 x 815 mm	1828 x 783 x 905 mm
Weight (Net/Gross)	162 kg	183 kg	194 kg
Power	1350 W		1550 W
Power Supply	Single phase AC220V/50Hz		

300 SERIES CLIMATIC CHAMBER



Forced convection mode
 30 Stages programmable Microcomputer PID
 Imported environmental protection insulation materials
 Excellent Imported temperature and humidity Sensor
 SUS304 stainless steel interior material
 ALLCOLDTM:Refrigeration Technology
 ALLIGENTTM:Humidification System
 ALLFLOWTM:Perfect Air Current Cycling

SPECIFICATIONS

Model	BCCL-301	BCCL-302	BCCL-303
Capacity	250 L	300 L	400 L
Temperature Range	10°C~65°C(Light on)/0°C~60°C(Light off)		
Temperature Uniformity	±1 (10-40°C)		±1.5 (10-40°C)
Temperature Fluctuation	±1°C		
Temperature Resolution	0.1°C		
Humidity Range	50-90%RH		
Humidity Fluctuation	±3%RH		
Using Environment Temperature	Ambient temp.10~30°C		
Using Environment Humidity	<70%		
Illumination Range	0-15000 (5 stages adjustable)		
Timer Range	0-99h/0-9999mins		
Shelves	3	4	
Inner Dimension	1100 x 480 x 480 mm	1100 x 540 x 520 mm	1148 x 554 x 610 mm
Overall Dimension	1780 x 710 x 775 mm	1780 x 770 x 815 mm	1828 x 783 x 905 mm
Weight (Net/Gross)	162 kg	183 kg	194 kg
Power	1350 W		1550 W
Power Supply	Single phase AC220V/50Hz		



Biolab Scientific Limited

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada
Email: contact@biolabscientific.com | Phone: +1 416 639 2438 | Website: www.biolabscientific.com