



## LOW TEMPERATURE CIRCULATOR BCLT-2104

# LOW TEMPERATURE CIRCULATOR BCLT-2104

## RECIRCULATING CHILLER

Temperature control, incubation, material testing, corrosion testing, cell culture, tissue research, rotary evaporator orbital agitation at variable speeds to affect the growth of cell cultures.



P.I.D temperature controller provides accurate and reliable temperature control.  
Large LCD display screen and interface provides for user-friendly operation.  
Preset On/Off function.  
Independent circulating pump switch for easy starting/stopping the cycle.  
Easy to set Adjustable Timer. (1 minute to 5,999 minutes)  
Maintenance-free operation with easy to clean surface.  
Both heater and bath chamber are made of corrosion-resistant stainless steel.  
No angle in bath chamber, easy to clean.  
Uniquely designed heating method can up to 80 °C.  
Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total.  
Safety:

## SPECIFICATIONS

| Model                                  | BCLT-2104                                |
|----------------------------------------|------------------------------------------|
| Storage tank maximum capacity (L)      | 30                                       |
| Temperature range                      | -20 - 20°C                               |
| Temperature accuracy                   | ±2°C                                     |
| Cooling capacity at 10°C (W)           | 2500                                     |
| Refrigerant                            | R410A                                    |
| Security features                      | Delay, leakage, overcurrent, overvoltage |
| Total power (W)                        | 1600                                     |
| Power requirements                     | AC220V/50HZ                              |
| Pump power                             |                                          |
| Pump flow max. (L/min)                 |                                          |
| Maximum head (m)                       |                                          |
| Inlet/Outlet pipe diameter (mm)        |                                          |
| Weight                                 | 76                                       |
| Liquid storage                         | 25                                       |
| Noise level                            | ≤65                                      |
| Dimensions WxDxH (mm) (include caster) | 450x600x821                              |
| Alt Name                               | Cooling recirculating chiller            |



## FEATURES

P.I.D temperature controller provides accurate and reliable temperature control.

Large LCD display screen and interface provides for user-friendly operation.

Preset On/Off function.

Independent circulating pump switch for easy starting/stopping the cycle.

Easy to set Adjustable Timer. (1 minute to 5,999 minutes)

Maintenance-free operation with easy to clean surface.

Both heater and bath chamber are made of corrosion-resistant stainless steel.

No angle in bath chamber, easy to clean.

Uniquely designed heating method can up to 80 °C.

Programming setting function with 7 periods and 9 steps for each period, which means there are 63 programmable steps in total.

### Safety:

Temperature deviation alarm.

Over current protection.

Independent Over-temperature protection meets DIN 12880 International standard requirements.

Liquid level display window, through which you can intuitively observe the liquid level in the tank.

### Option:

Available RS-485 or USB ports for data collection.



**Biolab Scientific Ltd.**

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada

Email: [info@biolabscientific.com](mailto:info@biolabscientific.com) | Website: [www.biolabscientific.com](http://www.biolabscientific.com)