

# Low Temperature Circulator CTP Series

For use with external open water bath (max, 50L)  
Circulation in closed loop also possible (option)



CTP-1000

CTP-3000

## Features

- Circulation with external open bath or with external closed bath is possible.
- Max. 50L bath capacity. (CTP-3000)
- For small volume circulation, 1L/min. circulation is possible by attaching bypass line (option).
- Circulation with closed flow line is also possible (option).

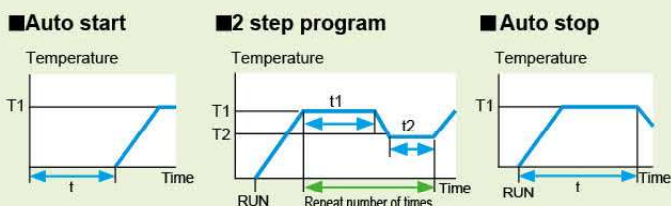
### Model selection guide

Water temp.	Bath capacity	
	10°C	12L
20°C	28L	50L
30°C	16L	28L
Model	CTP-1000	CTP-3000

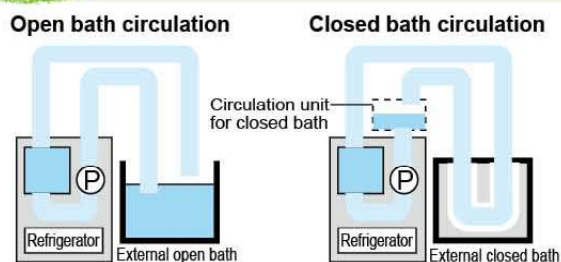
## Specifications

Product Name	Low Temperature Circulator	
	CTP-1000	CTP-3000
Model	204880	204890
Cat. No.	204880	204890
Circulation method	External circulation	
Temp. setting range	-10~80°C	-20~80°C
Temp. control accuracy	±0.2°C	±0.1°C
Cooling capacity W(kcal/h)	200W (170kcal/h) at 10°C	360W (310kcal/h) at 10°C
Pump max. flow (50/60Hz)	8/10L/min	15/18L/min
Pumphead max. pressure	5/7m (50/60Hz)	
Temp. control	Micro processor P.I.D control, SSR output	
Timer functions	Auto start/stop, Two step program	
Temp. setting & display	Sheet key input • digital display	
Dimensions (mm) & Weight	324W x 397D x 482H 35kg	250W x 480D x 805H 44kg
Power source	1.05kVA AC100V	1.3kVA AC100V

### Point! Multiple Programs

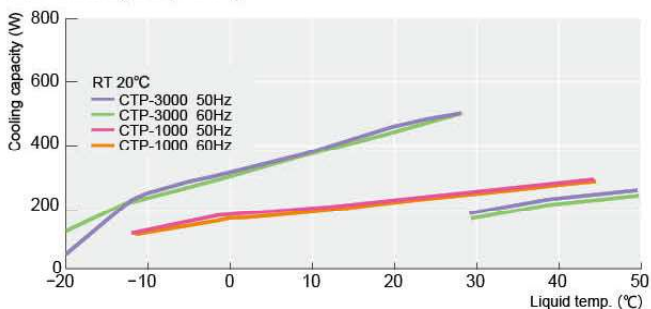


### Point! Open or closed bath circulation

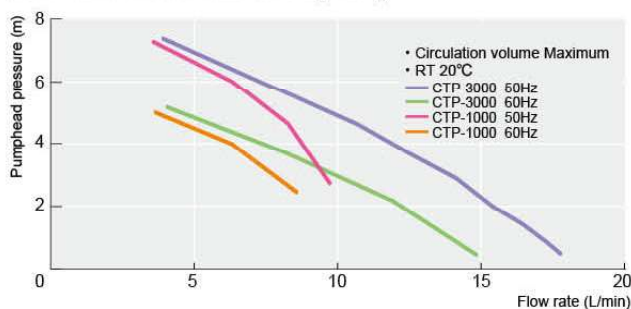


## Data

### Cooling capacity



### External circulation capacity



- 1 Rotary Evaporator
- 2 Vacuum Pump & Aspirator
- 3 Organic Synthesizer
- 4 Freeze Drier / Spray Drier
- 5 Shaker
- 6 Stirrer
- 7 Tube Pump
- 8 Low Temperature Circulator
- 9 Cold Trap
- 10 Constant Temperature Bath
- 11 Incubator
- 12 Oven
- 13 Fermentor