



***RAPID LOW TEMPERATURE  
CIRCULATING BATH  
LRTB-B10***

# Rapid Low Temperature Circulating Bath LRTB-B10

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Rapid Low Temperature Circulating Bath LRTB-B10 is a microcomputer controlled 13 L volume, circulating bath with refrigeration system and a temperature range of -50°C to 100°C. Equipped with digital LCD display with timing function. Provides precise and constant temperature and auxiliary heating for test material. It is equipped with an interface to the external water bath. A powerful pressure suction pump provides a constant temperature supply for external tank.

## FEATURES

- Microprocessor temperature controlled unit with timing function
- Environment friendly CFC-free refrigeration (R134a Refrigerant Use) technology to meet the requirements
- Low noise operations
- High-quality full-enclosed air-cooled compressor cooling system, automatic thermal overload protection
- Audible and visible alarm for temperature and water level
- A powerful pressure suction pump provides a constant temperature supply for external tank.
- Equipped with an interface to the external water bath
- RS485 (optional connection) to print or record set parameters and trace variation curves of temperature

## TEST PERFORMANCE POINTS

- When setting temperature is above 80°C, liquid medium should be mineral oil.
- When setting temperature is below 5°C, liquid medium should be antifreeze (Absolute alcohol or absolute glycol)
- Ambient temperature: 5 to 35°C

## APPLICATION

Low temperature circulating bath finds wide application in research and quality control departments and petroleum, chemical engineering, bioengineering, medicine and health, life science industry and food, materials chemical analysis etc.

## SPECIFICATION

<b>Model no.</b>	<b>LRTB-B10</b>
Volume	13 L
Temperature Range	-50°C to 100°C
Temperature Stability	± 0.2°C
Pump Flow (flux)	8 L/ min
Interior Dimension	240×170×200 mm
Refrigerant	R134a
Heating Power	3100 W
Standard Test Conditions	Ambient temperature: 20°C, Electrical requirements: 220V/50Hz, Liquid medium: pure water
Power Supply	220 V, 50 Hz
Net weight	44 kg
Exterior Dimension	750×420×900 mm