

WATER BATH CHILLER

ALS-INS064



DESCRIPTION

A Circulating Water Bath is designed for precise temperature control in laboratory applications. It maintains a stable and uniform temperature by continuously circulating water, ensuring accurate heating or cooling for samples. Ideal for scientific research, medical, pharmaceutical, and industrial use, it features a user-friendly interface, adjustable temperature settings, and a durable construction. Safety features like over temperature protection and auto shut-off provide reliable operation. Suitable for various applications, including incubation, material testing, and viscosity measurements.

KEY FEATURES

- **PT100 Temperature Sensor:** Ensures precise and accurate temperature measurement for reliable operation.
- **Both-side folding Handles:** Designed for easy movement and handling, enhancing portability.
- **Overheat Protection & Liquid Level Alarm:** Prevents overheating and alerts users to low liquid levels for safe operation.
- **Stainless Steel Inner Tank:** Provides durability, corrosion resistance, and easy maintenance.
- **Water Level Alarm Function:** Alerts users when the water level is low to prevent system malfunction.
- **Fast Cooling & Low Noise:** Ensures efficient cooling with minimal noise, vibration, and stable performance.
- **LCD Display & Microprocessor Control:** High precision PID temperature control for accurate and stable performance.
- **Pump Flow Rate 6L/min:** Supports efficient liquid circulation for uniform temperature distribution.
- **Programmable Temperature Controller:** Allows users to set and customize temperature settings as per requirements.



TECHNICAL SPECIFICATION

MODEL	ALS-INS064A	ALS-INS064B
Temperature Range	-20 °C to 100 °C	
Temperature Display resolution	± 0.1 °C	
Temperature Fluctuation	± 0.2 °C	
Temperature Control	Microprocessor PID controller	
Display	LCD	
Refrigeration	Air Cooled refrigeration through the compressor.	
Refrigerant	R-134a	
Pump circulation	Internal & External	
Pump flow rate	6 L /min	
Bath Tank capacity	6 L	12 L
Tank size (L x W x D)	180 x 290 x 150 mm	240 x 250 x 200 mm
Bath Opening	180 x 140 mm	235 x 160 mm
Bath depth	150 mm	200 mm
Power Requirements	220VAC/50Hz	
Packing Dimensions (L x W x H)	530 x 450 x 800 mm	530 x 450 x 900 mm
Weight	44 Kg	50 Kg