



Chilling / Heating Dry Bath FM-CHB-A100

Overview

Chilling / Heating Dry Bath FM-CHB-A100 is designed with a microprocessor-controller and offers a temperature range of 0 to 100. It is a benchtop unit which works with a temperature accuracy of $\pm 0.3^{\circ}\text{C}$. Developed with custom blocks that are specifically designed to fit a variety of sample holders for efficient operation. It allows users to visually monitor and assess the progress of their experiments in real-time.

Specifications :

Temperature Range	0°C to 100°C
Temperature Control Range	RT -15°C to 100°C
Temperature Accuracy	$\pm 0.3^{\circ}\text{C}$
Display Accuracy	0.1°C
Temperature Uniformity	$\pm 0.3^{\circ}\text{C}$
Timing Range	1sec to 5999sec/ 1min to 5999min/
Heating Time	± 20 min (from 25°C to 100°C)
Cooling Time 1	± 20 min (from 100°C to 25°C)
Cooling Time 2	± 25 min (from RT to -15°C)
Auto-4°C	Yes
Multi Points Running	Max. 5points
Multi Cycle	Max. 99times
Power Consumption	60W
Power Supply	DC12V
Dimension (W xD xH)	145 x13 x140mm
Weight	1 kg

Features :

- Includes electronic calibration
- Auto heating and running operation
- Digital display
- Auto resume option
- Compatible with 24V power adapter
- UL, CSA, and CE certified power supply

Applications :

It is used for precise temperature control of samples in various experiments which require specific temperature conditions. It is finds applications in PCR, enzyme reactions, DNA/RNA extraction, and in various microbiological studies.

Accessories Optional :

- Test Tube and Aperture: 2
- 0 ml x 15
- 1
- 5 ml x 15
- 0
- 5 ml x 24
- 0
- 2 ml x 32