

ALEMADR-DB Dry Bath Incubator RT+5 to 100C (Main Body)

Product Details

Product Number

PRO4348



Technical Specification:

The **ALEMADR-DB** and **ALEMADR-DBC Dry Bath Incubator** are a sophisticated laboratory instrument designed for precise heating and cooling, controlled by a semi-conductor system. Its automatic temperature control and flexible timer make it highly versatile for various laboratory applications.

Key Features:

- 1. **LCD Screen:** Instantly displays operation information.
- 2. **Combined Temperature Control and Block System:** Each block has a built-in temperature sensor and heating/cooling unit for accurate temperature control and faster heating.
- 3. **Interchangeable, Auto-Recognized Blocks:** Enhances flexibility and ease of use.
- 4. **Adjustable Heating Lid:** Allows control of the lid's temperature.
- 5. **Multi-Point and Multi-Cycle Operation Modes:** Supports up to 5 points and 99 cycles.
- 6. **Auto Restart After Power Failure:** Ensures continuity of experiments.
- 7. **Over-Heating Protection:** Enhances safety.
- 8. **Built-In Temperature Calibration:** Maintains accuracy.

This device is ideal for laboratories requiring precise and reliable temperature control.

Settings		Parameters
Product model	ALEMADR-DB	ALEMADR-DBC
Temp setting range	0~100	-10~100
Temp control range	RT+5~100	RT-25~100
Time range	1sec ~ 99 min 59sec /1min ~ 99h59min/∞	
Temp accuracy	±0.3@37	
Display accuracy	0.1	
Temp uniformity	±0.3@37	

Heating time	≤12min(From 25□ to 100□)	
Cooling time1	---	≤12min(From 100□ to 25□)
Cooling time2	---	≤25min(From RT to RT-25□)
Heating lid temp setting range	OFF~+10□	
Heating lid temp accuracy	≤±0.5□*	
Heating lid heating time	≤10min (from 25□ to 100□)	
Storage at 4□	---	Yes
Multi points running	Yes (Max 5 points)	
Multi cycle	Yes (Max 99 times)	
Auto running	Yes	
Auto Heating	Yes	
Auto resume to run	Yes	
Capacity	See optional block	
Power	150W	
Voltage	AC100 or AC220V / 50-60HZ	
Fuse	250V 3A Φ5×20	
Dimension(mm)	300x200x210	
Weight(kg)	4.0	4.7

Related products

Accessories:

Type	Capacity	Temp. range
PRO4540	35x2.0ml centrifuge tube	RT-25□~100□
PRO4541	35x1.5ml centrifuge tube	RT-25□~100□
PRO4542	54x0.5ml centrifuge tube	RT-25□~100□
PRO4543	96x0.2ml centrifuge tube	RT-25□~100□
PRO4544	96x0.2ml Elisa plate	RT-25□~100□
PRO4545	35x2.0ml centrifuge tube	RT+5□~100□
PRO4546	35x1.5ml centrifuge tube	RT+5□~100□
PRO4547	54x0.5ml centrifuge tube	RT+5□~100□
PRO4548	96x0.2ml centrifuge tube	RT+5□~100□
PRO4549	96x0.2ml Elisa plate	RT+5□~100□

* PRO4540, PRO4541, PRO4542, PRO4543, PRO4544 are for cooling model ALEMADR-DBC.