

DRY BATH INCUBATOR

Heating & Cooling



DRY BATH INCUBATOR

BIDH-100/BIDC-100 is microprocessor controlled Dry Bath Incubator. Instead of traditional water bath device, the heat-conducting medium is high purity aluminum. The exact desired temperature is easily set using the arrow keys on the sloped control panel while values are shown on the large digital display. No checking of a thermometer and readjusting temperature is necessary. The user calibration feature allows for easy calibration to in house standards when required.

This product can be widely used in preservation and reaction of samples, DNA amplification, electrophoresis denaturation and serum solidification, etc.

FEATURES

- Energy-efficient Peltier design
- Automatic fault detection and buzzer alarm function
- Electronic calibration. User can reset to any local standard

- Small, compact size uses very little bench space
- Easy replacement, cleaning and disinfecting of metal blocks
- Built-in over-temperature protection
- Internal power supply provided is UL, CSA and CE approved
- Customized modules are accepted
- Buzzer alarm when temperature control ends



TECHNICAL PARAMETERS

MODEL	BIDH-100	BIDC-100
Temp setting range	0°C~100°C	-0°C~100°C
Temp control range	RT+5°C~100°C	RT-30°C~100°C
Time range	1min~ 99h59min/∞	
Temp accuracy	-40~100	±0.05
Display accuracy	0.1°C	
Temp uniformity	≤±0.3°C	
Heating time	≤12min(from 25°C to 100°C)	≤12min(from 25°C to 100°C)
Cooling time	-	≤10min(from 100°C to 25°C)
Cooling time	-	≤25min(from RT to RT-30°C)
Cooling time	-	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	
Power input	AC110 or AC220V/50-60HZ	AC100~240V, 50/60Hz
Fuse	250V 3A Φ5×20	
Size	260x195x150mm	
Weight	2.5Kg	4.5Kg

BLOCKS

TYPE	DESCRIPTION
Block-A	96 * 0.2ml
Block-B	54 * 0.5ml
Block-C	35 * 1.5ml
Block-D	35 * 2ml
Block-E	15 * 0.5ml + 20 * 1.5ml
Block-F	96x0.2ml (elisa plate)
Block-G	24x5ml
Block-H	15x10ml
Block-I	12 * 15ml
Block-J	6x50ml centrifuge tube (round-shape bottom)
Block-K	6x50ml centrifuge tube (cone-shape bottom)

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