



## DRY BATH INCUBATOR

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Biolab Dry bath incubator features precise temperature control resolution in a compact design to give you reproducible results. This microprocessor controlled device offers you flexibility to accommodate a variety of interchangeable heating blocks for your versatile applications.

Used in Immunoassays, Melting points, Enzyme reactions, Boiling points, Incubation, Activation of cultures, Laboratory procedures..

Also known as Digital Dry Bath Incubator, Heating block, Laboratory Dry Bath Incubator.

## 100 DRY BATH INCUBATOR



- Microprocessor controlled incubation temperature and time
- Compact design with stable operation
- Rapid heat up, uniform heating, high stability, low energy consumption and noise
- Simultaneous display of set temperature and time
- Built in temperature calibration function
- Aluminium blocks ensures even heat distribution, eliminating the possibility of heater burnout
- Custom blocks available to meet experimental requirements
- Easy cleaning, replacement and disinfection of metal blocks
- Automatic fault detection and buzzer alarm function
- Audio alarm indicates program completion
- Over temperature protection device

## SPECIFICATIONS

Model	BDIB-101	BDIB-102	BDIB-103
Temperature Range	RT+5-100°C	RT+5-150°C	
Temperature Resolution	0.1°C		
Temperature Accuracy	±0.5°C	±0.5°C (40-100°C), ±1°C (100-150°C)	
Temperature Fluctuation	±0.3°C	±0.5°C	
Temperature Uniformity	±0.3°C	±0.5°C	
Time Range	99h 59min		
Time for Cooling	No cooling function		
Time for Heating	≤15min (20°C to 100°C)	≤30min (20°C to 150°C)	
Platform Dimension	270x190x170 mm	230x200x90 mm	260x220x90 mm
Weight	2.2 kg	4.5 kg	
Display	LCD	LED	
Blocks	1		2
Power	150 W	200 W	400 W
Power Supply	220V, 60Hz		

Model	BDIB-104	BDIB-105
Temperature Range	RT+5-120°C	-10-100°C
Temperature Resolution	0.1°C	
Temperature Accuracy	±0.5°C (40-100°C), ±1°C (100-150°C)	±0.5°C
Temperature Fluctuation	±0.5°C	±0.3°C
Temperature Uniformity	±0.5°C	±0.3°C

Time Range	99h 59min	
Time for Cooling	No cooling function	≤20min (RT to RT-25°C; if RT is lower 30°C), ≤30min (RT to RT-30°C; if RT is lower 25°C)
Time for Heating	≤30min (20°C to 120°C)	≤15min (20°C to 100°C)
Platform Dimension	360x220x90 mm	270x190x170 mm
Weight	4.5 kg	2.2 kg
Display	LED	LCD
Blocks	4	1
Power	600 W	150 W
Power Supply	220V, 60Hz	

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Dimension	For Models
BX-58396	Centrifuge Tube Block	15 X 2.0 ml		BDIB-101
BX-58408	Centrifuge Tube Block	15 X 1.5 ml		BDIB-101
BX-58420	Centrifuge Tube Block	24 X 0.5 ml		BDIB-101
BX-58432	Centrifuge Tube Block	40 X 0.5 ml		BDIB-101
BX-57270	Block	1.5/2.0ml adaptors (6/pack)		BDIB-102, BDIB-103, BDIB-105
BX-57283	Block	0.2 mL 24-well Block		BDIB-102, BDIB-103, BDIB-105
BX-57296	Block	0.5 mL 12-well Block		BDIB-102, BDIB-103, BDIB-105
BX-57309	Block	1.5 mL 6-well Block		BDIB-102, BDIB-103, BDIB-105
BX-57322	Block	2.0 mL 6-well Block		BDIB-102, BDIB-103, BDIB-105
BX-57335	Block	15 mL 6-well Block		BDIB-102, BDIB-103, BDIB-105
BX-57348	Block	50 mL 3-well Block		BDIB-102, BDIB-103, BDIB-105
BX-57361	Block	96-well/Flat Bottom Block		BDIB-102, BDIB-103, BDIB-105
BX-57505	Customized	Customized	Customized	BDIB-104
BX-60121	Block A	96 x 0.2 ml	Φ104.5 mm x 32	BDIB-104
BX-60133	Block B	59 x 0.5 ml	Φ104.5 mm x 32	BDIB-104
BX-60145	Block C	39 x 1.5 ml	Φ104.5 mm x 32	BDIB-104
BX-60157	Block D	39 x 2.0 ml	Φ104.5 mm x 32	BDIB-104
BX-60169	Block E	18 x 5.0 ml	Φ104.5 mm x 32	BDIB-104
BX-60181	Block F	24 x 0.5 ml + 30 x 1.5 ml	Φ104.5 mm x 32	BDIB-104
BX-60193	Block G	59 x Φ6 mm	Φ104.5 mm x 32	BDIB-104



BDIB-101



BDIB-102



BDIB-103



BDIB-104



BDIB-105

## 200 DRY BATH INCUBATOR



Compact design with stable operation

Aluminium blocks ensures even heat distribution, eliminating the possibility of heater burnout

Custom blocks available to meet experimental requirement

Advanced temperature control with precise engineered block provides excellent thermal contact

Rapid heat up, uniform heating, high stability, low energy consumption and noise

Easy cleaning, replacement and disinfection of metal blocks

Block extraction tool allows easy removal of blocks

Over temperature protection device

Optional: External temperature probe

## SPECIFICATIONS

Model	BDIB-201	BDIB-202	BDIB-203	BDIB-204
Temperature Range	RT+5-105°C			RT+5-100°C
Temperature Resolution	0.1°C			
Temperature Accuracy	±0.5°C			
Temperature Fluctuation	±0.4°C			
Temperature Uniformity	±0.2°C	±0.2°C at 37°C(within the blocks), ±0.3°C at 37°C (across similar blocks)	±0.2°C	±0.2°C at 37°C(within the blocks), ±0.3°C at 37°C (across similar blocks)
Time Range	1min-99h 59min			1min~99h59 min
Time for Cooling	No cooling function			≤20min (40°C to 100°C)
Time for Heating	≤15min (25°C to 100°C)			≤15min (25°C to 120°C)
Platform Dimension	250x190x130 mm	365x210x150 mm		380x210x160 mm
Weight	2.5 kg	4.5 kg		5.5 kg
Display	LED			Touchscreen
Blocks	1	2		
Power	100 W	200 W		
Power Supply	220V, 60Hz			

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
BX-57145	Block	96x0.2ml PCR tubes
BX-57158	Block	45x0.5ml tubes

Accessory Code	Name	Description
BX-57327	Block	40xΦ6mm tubes
BX-57340	Block	28xΦ10mm tubes

BX-57171	Block	35x1.5ml tubes
BX-57184	Block	35x2.0ml tubes
BX-57197	Block	15x0.5ml+20x1.5ml tubes
BX-57210	Block	20x1.5ml+15x2.0ml tubes
BX-57223	Block	32x0.2ml+22x0.5ml+ 9x1.5ml tubes
BX-57236	Block	20x5ml tubes
BX-57249	Block	20x10ml tubes
BX-57262	Block	12x15ml tubes
BX-57275	Block	6x50ml tubes
BX-57288	Block	96x0.2ml Elisa-Microplate or 4 slides
BX-57301	Block	Solid block for machining (no holes)
BX-57314	Block	384 well PCR Plate

BX-57353	Block	24xΦ12mm tubes
BX-57366	Block	24xΦ13mm tubes
BX-57379	Block	14xΦ15mm tubes
BX-57392	Block	14xΦ16mm tubes
BX-57405	Block	12xΦ19mm tubes
BX-57418	Block	11xΦ20mm tubes
BX-57431	Block	6xΦ26mm tubes
BX-57444	Block	6xΦ28mm tubes
BX-57457	Block	2xΦ40mm tubes
BX-57470	Block	2x7-12.5x12.5 (Cuvette)
BX-57483	External Sensor	-
BX-57496	Lifter	-



BDIB-201



BDIB-202



BDIB-203



BDIB-204



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