

PRODUCT CATALOG



DRY BATH INCUBATOR

DRY BATH INCUBATOR

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.

100 SERIES 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
- Aluminum 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

For Models:BDIB-101, BDIB-105

Accessory Code	Name	Description	Temperature	For Models
BX-103502	Block	96 x 0.2ml PCR plate	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103503	Block	54 x 0.5ml	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103504	Block	35 x 1.5ml	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103505	Block	35 x 2.0ml	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103506	Block	20 x 0.5ml + 15 x 1.5ml	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103507	Block	24 x dia. ≤ Φ12 mm	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103508	Block	32 x 0.2ml + 25 x 1.5ml	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103509	Block	32 x 0.2ml + 10 x 0.5ml + 15 x 1.5ml	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103510	Block	103 x 67 x 30mm (water bath block)	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103511	Block	flat block	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103512	Block	24 x 5ml (non-standard)	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103513	Block	12 x 15ml (non-standard)	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103514	Block	6 x 50ml (non-standard)	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103515	Block	customized	Max. Temp. 100°C	BDIB-101, BDIB-105
BX-103516	Block	Suit for block A ~H, J		BDIB-101, BDIB-105
BX-103517	Block	Suit for block I, K, L, M		BDIB-101, BDIB-105

For Models:BDIB-102, BDIB-103, BDIB-104

Accessory Code	Name	Description	Temperature	For Models
BX-103518	Block	6 mm		BDIB-102, BDIB-103, BDIB-104
BX-103519	Block	7 mm		BDIB-102, BDIB-103, BDIB-104
BX-103520	Block	10mm		BDIB-102, BDIB-103, BDIB-104
BX-103521	Block	12mm		BDIB-102, BDIB-103, BDIB-104
BX-103522	Block	13mm		BDIB-102, BDIB-103, BDIB-104
BX-103523	Block	15mm		BDIB-102, BDIB-103, BDIB-104
BX-103524	Block	16mm		BDIB-102, BDIB-103, BDIB-104
BX-103525	Block	19mm		BDIB-102, BDIB-103, BDIB-104
BX-103526	Block	20mm		BDIB-102, BDIB-103, BDIB-104
BX-103527	Block	26mm		BDIB-102, BDIB-103, BDIB-104
BX-103528	Block	28mm		BDIB-102, BDIB-103, BDIB-104

BX-103529	Block	40mm		BDIB-102, BDIB-103, BDIB-104
BX-103530	Block	0.5 ml		BDIB-102, BDIB-103, BDIB-104
BX-103531	Block	1.5 ml		BDIB-102, BDIB-103, BDIB-104
BX-103532	Block	2.0ml		BDIB-102, BDIB-103, BDIB-104
BX-103533	Block	0.2ml		BDIB-102, BDIB-103, BDIB-104
BX-103534	Block	0.2ml		BDIB-102, BDIB-103, BDIB-104
BX-103535	Block	Flat (no hole)		BDIB-102, BDIB-103, BDIB-104
BX-103536	Block	customized		BDIB-102, BDIB-103, BDIB-104



BDIB-101



BDIB-102



BDIB-103



BDIB-104

200 SERIES 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-102612	Block	96x0.2ml PCR tubes
BX-102613	Block	45x0.5ml tubes
BX-102614	Block	35x1.5ml tubes
BX-102615	Block	35x2.0ml tubes
BX-102616	Block	15x0.5ml+20x1.5ml tubes
BX-102617	Block	20x1.5ml+15x2.0ml tubes
BX-102618	Block	32x0.2ml+22x0.5ml+9x1.5ml tubes
BX-102619	Block	20x5ml tubes
BX-102620	Block	20x10ml tubes
BX-102621	Block	12x15ml tubes
BX-102622	Block	6x50ml tubes
BX-102623	Block	96x0.2ml Elisa-Microplate or 4 slides
BX-102624	Block	Solid block for machining (no holes)
BX-102625	Block	384 well PCR Plate

Accessory Code	Name	Description
BX-102626	Block	40xΦ6 mm tubes
BX-102627	Block	28xΦ10 mm tubes
BX-102628	Block	24xΦ12 mm tubes
BX-102629	Block	24xΦ13 mm tubes
BX-102630	Block	14xΦ15 mm tubes
BX-102631	Block	14xΦ16 mm tubes
BX-102632	Block	12xΦ19 mm tubes
BX-102633	Block	11xΦ20 mm tubes
BX-102634	Block	6xΦ26 mm tubes
BX-102635	Block	6xΦ28 mm tubes
BX-102636	Block	2xΦ40 mm tubes
BX-102637	Block	2x7-12.5x12.5 (Cuvette)
BX-102638	External Sensor	-
BX-102639	Lifter	-



BDIB-201



BDIB-202



BDIB-203



BDIB-204



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