



LAB PRODUCT CATALOG 21-22

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DRY BATH INCUBATOR

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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.

Used in Biolab Dry Bath Incubator is widely used for enzyme reactions, immunoassays, melting and boiling points, incubation and activation of cultures and a variety of laboratory procedures..

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	Temperature	Block Dimension	Capacity	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. ≤ Φ12mm	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
BX-103518	Block	6 mm		95.5 x 76.5 x 50mm	42	BDIB-102, BDIB-103, BDIB-104
BX-103519	Block	7 mm		95.5 x 76.5 x 50mm	42	BDIB-102, BDIB-103, BDIB-104
BX-103520	Block	10mm		95.5 x 76.5 x 50mm	20	BDIB-102, BDIB-103, BDIB-104
BX-103521	Block	12mm		95.5 x 76.5 x 50mm	20	BDIB-102, BDIB-103, BDIB-104
BX-103522	Block	13mm		95.5 x 76.5 x 50mm	20	BDIB-102, BDIB-103, BDIB-104
BX-103523	Block	15mm		95.5 x 76.5 x 50mm	12	BDIB-102, BDIB-103, BDIB-104
BX-103524	Block	16mm		95.5 x 76.5 x 50mm	12	BDIB-102, BDIB-103, BDIB-104

BX-103525	Block	19mm		95.5 x 76.5 x 50mm	12	BDIB-102, BDIB-103, BDIB-104
BX-103526	Block	20mm		95.5 x 76.5 x 50mm	6	BDIB-102, BDIB-103, BDIB-104
BX-103527	Block	26mm		95.5 x 76.5 x 50mm	6	BDIB-102, BDIB-103, BDIB-104
BX-103528	Block	28mm		95.5 x 76.5 x 50mm	4	BDIB-102, BDIB-103, BDIB-104
BX-103529	Block	40mm		95.5 x 76.5 x 50mm	2	BDIB-102, BDIB-103, BDIB-104
BX-103530	Block	0.5 ml		95.5 x 76.5 x 50mm	42	BDIB-102, BDIB-103, BDIB-104
BX-103531	Block	1.5 ml		95.5 x 76.5 x 50mm	24	BDIB-102, BDIB-103, BDIB-104
BX-103532	Block	2.0ml		95.5 x 76.5 x 50mm	24	BDIB-102, BDIB-103, BDIB-104
BX-103533	Block	0.2ml		95.5 x 76.5 x 50mm	48	BDIB-102, BDIB-103, BDIB-104
BX-103534	Block	0.2ml		96.5 x 153.5 x 33.5mm	96	BDIB-102, BDIB-103, BDIB-104
BX-103535	Block	Flat (no hole)		96.5 x 135 x 22.5mm	96 micro-plate	BDIB-102, BDIB-103, BDIB-104
BX-103536	Block	customized		customized	customized	BDIB-102, BDIB-103, 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-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

Accessory Code	Name	Description
BX-102626	Block	40xΦ6mm tubes
BX-102627	Block	28xΦ10mm tubes
BX-102628	Block	24xΦ12mm tubes
BX-102629	Block	24xΦ13mm tubes
BX-102630	Block	14xΦ15mm tubes
BX-102631	Block	14xΦ16mm tubes
BX-102632	Block	12xΦ19mm tubes
BX-102633	Block	11xΦ20mm tubes
BX-102634	Block	6xΦ26mm tubes
BX-102635	Block	6xΦ28mm tubes
BX-102636	Block	2xΦ40mm tubes