

DUAL TEMPERATURE DRY BATH INCUBATOR



DUAL TEMPERATURE DRY BATH INCUBATOR

Product designed compact and tight, occupy little space and has excellent performance, it is a good replacement for the traditional water bath devices. Used in the fields of pharmaceutical, chemical, food safety, environment, and quality inspection. Due to its features like fast heating speed, uniform heating, accurate temperature control, high stability, low energy consumption and no noise makes it an ideal choice.

Used in Pharmaceutical, Chemical, Food Safety, Environment, Quality inspection, Laboratory.
Also known as Laboratory Dual Temperature Dry Bath Incubator.

BT11 SERIES DUAL TEMPERATURE CONTROL DRY BATH INCUBATOR

- Unique dual temperature control slot can individually control temperature to make sure noninterference. One equipment to meet the demand for more experiments.
- OLED display, simple interface, double time and temperature setting, means simultaneous temperature and diminishing time display.
- Fast heating speed, uniform heating, accurate temperature control, high stability, low energy consumption and no noise.
- Built in temperature calibration function, automatic fault detection and buzzer alarm function.
- Built in over-temperature protection device, safe and reliable, enhance the service life of the machine.
- Product designed compact and tight, occupied little space. Using freer and easier.
- Various blocks for convenient replacement, easy for cleaning and disinfection.
- Perfect high module sealing cartridge with cover can make 15/50ml high module totally enclosed with dry bath.
- Heated model can option external sensors to control temperature more accurately and directly.



SPECIFICATIONS

Model	BT111	BT112	BT113
Temperature Range	R.T.+5°C~100°C	Heating: R.T.+5°C~100°C and Cooling: -10°C~100°C	-10°C~100°C
Temperature Accuracy	0.1°C		
Temperature Stability	≤±0.5°C at 100°C		
Maximum Temperature	100°C		
Maximum Temperature Difference at	0.3°C		

40°C			
Temperature Uniformity	$\leq \pm 0.3^{\circ}\text{C}$		
Time Range	1 min~99 h59 min	-	-
Outer Dimension (WxDxH)	240Wx260Dx168H mm		
Weight	2.6 kg		
Fuse Protector	250 V, 2 A / 4 A, $\Phi 5 \times 20$		
Power	150 W	170 W	200 W
Power Supply	AC 220 / 110 V, 50/60 Hz		
Time for Cooling	-	≤ 25 min (R.T. down to 25°C) (Nature down to 26°C)	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
BX7001	Block A	0.2 ml x 24
BX7002	Block B	0.5 ml x 12
BX7003	Block C	1.5 ml x 6
BX7004	Block D	2.0 ml x 6
BX7005	Block E	0.2 ml x 96
BX7006	Block F	15 ml x 6

Accessory Code	Name	Description
BX7007	Block G	50 ml x 3
BX7008	Block G	Customized
BX7009	Customized	
BX7010	Cover for higher size block BX7006~BX7007	
BX7011	Block holder for higher size block BX7006~BX7007	
BX7012	PT1000 probe for heating type	



BT111



BT112



BT113

BT12 SERIES DUAL TEMPERATURE CONTROL DRY BATH INCUBATOR

- Precise temperature control of heating and cooling
- 2-in-1 instrument with a combination of heating& cooling functions
- 8 types of blocks with different capacities ranging from 0.2mL- 50mL
- 9 programs can be stored
- Over heating protection and self-recognition of blocks



SPECIFICATIONS

Model	BT121
Temperature Range	Heating: Room temp.-110°C Cooling: Room temp.~below room temp. 25°C
Temperature Control Accuracy	±0.5°C(@20°C-45°C)
Overheating protection	150°C
Temperature Uniformity	Max. ±0.5°C(@20°C-25°C)
Time for Cooling	2.5°C /min(110°C-room temp.) 0.5°C/min(below room temp.)
Time for Heating	5.5°C / min
Outer Dimension (WxDxH)	200W×235D×120H mm
Weight	7.3 kg
Display	TFT
Program	9
Adapter block material	Aluminium
Power	200 W
Power Supply	100-120 V / 220-240 V ,50 Hz / 60 Hz

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
BX7158	Heating Block	Used for 0.5 mL tubes, 40 holes
BX7159	Heating Block	Used for 1.5 mL tubes, 40 holes
BX7160	Heating Block	Used for 2 mL tubes, 40 holes
BX7161	Heating Block	Used for 5 mL tubes, 28 holes

Accessory Code	Name	Description
BX7162	Heating Block	Used for 15 mL tubes, 28 holes
BX7163	Heating Block	Used for 50 mL tubes, 8 holes
BX7164	Heating Block	Used for 0.2 ml/96 well PCR plate
BX7165	Heating Block	Used for 96/384 microplate

BT13 SERIES DUAL TEMPERATURE CONTROL DRY BATH INCUBATOR

- All-in-one function with Mix and Match Formats
- Excellent Performance: Fast chilling / heating rate, precise temperature controlling
- Portable: Compatible with 12V DC and Auto Plug
- Small Footprint: Work in a hood or lab automation systems



SPECIFICATIONS

Model	BT131	BT133	BT135
Temperature Range	0-100°C		0-100°C Programmable 3 segments
Display Precision	0.1°C		
Temperature Precision	±0.5°C		
Temperature Uniformity	±0.5°C		
Operation Ambient Temperature	8-30°C		
Time for Cooling	2.5°C / min (25-4°C)		
Time for Heating	≤11°C / min (25°C to 75°C)		
Outer Dimension (WxDxH)	185x185x90 mm		
Weight	1.4 kg		
Power Supply	12 V DC, 7A		
Time Range	-	1 min-23 h 59 min	

OPTIONAL ACCESSORIES

Accessory Code	Name	Description
BX7166	Block	0.2 mL 24-well Block
BX7167	Block	0.5 mL 12-well Block
BX7168	Block	1.5 mL 6-well Block
BX7169	Block	2.0 mL 6-well Block

Accessory Code	Name	Description
BX7170	Block	15 mL 6-well Block
BX7171	Block	50 mL 3-well Block
BX7172	Block	96-well/Flat Bottom Block
BX7173	Block	1.5/2.0ml adaptors (6/pack)



BT131



BT133, BT135

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