

# MINI DRY BATH INCUBATOR



# MINI DRY BATH INCUBATOR

Digital Heating Block, Laboratory Mini Dry Bath Incubator

Used in Clinical, General Chemistry, Preservation, Reactions of sample, DNA amplification, Initial Denaturation of electrophoresis, Laboratory.

Also known as Digital Heating Block, Laboratory Mini Dry Bath Incubator.

## BAC22 MINI DRY BATH

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	BAC22-100FC	BAC22-100NC	BAC22-100NCL
Temperature Range	RT+5 °C-100 °C		
Temp. Setting Range	0 °C~100 °C		
Temp. Stability@100°C	±0.5 °C		
Temp. Stability@40°C	±0.3 °C		
Block Temp. Uniformity	±0.3 °C		
Temp. Display Accuracy	0.1 °C		
Heating Speed	≤15 min ( 20 °C to 100 °C)		
Cooling Speed	fan cooling	natural cooling	
Heating Cover	No		Yes
Time Range	1 sec~999 sec or 1 min~999 min		
Voltage	DC24V adapter		
Power	60 W		
Dimension	W.110 x D.156 x H.103mm		
Net Weight	1 kgs		
Temp. Max. Decrease	-	-	-

Model	BAC22-100C	BAC22-100CL
Temperature Range	-10°C-100°C	
Temp. Setting Range	-10°C~100°C	
Temp. Stability@100°C	±0.5°C	
Temp. Stability@40°C	±0.3°C	
Block Temp. Uniformity	±0.3°C	

Temp. Display Accuracy	0.1°C	
Heating Speed	≤15 min ( 20°C to 100°C)	
Cooling Speed	≤30min (R.T. decreases 20°C) @R.T.26°C	
Heating Cover	No	Yes
Time Range	1 sec~999 sec or 1 min~999 min	
Voltage	DC24V adapter	
Power	120 W	
Dimension	W.110 x D.156 x H.103mm	
Net Weight	1.4 kgs	
Temp. Max. Decrease	R.T. decreases 25°C @R.T. 26°C	



BAC22-100FC



BAC22-100NC



BAC22-100NCL



BAC22-100C



BAC22-100CL

## BAC41-080 MINI DRY BATH INCUBATOR



### SPECIFICATIONS

Model	BAC41-080
Temperature Range	RT+5-80 °C
Display Accuracy	±0.1 °C

Weight	0.5 kg
Temperature Control Accuracy	±0.5°C
Temperature Control Accuracy @ 40°C	±0.3°C
Power Supply	12 V DC

## BAC44-100 MINI DRY BATH INCUBATOR



### SPECIFICATIONS

Model	BAC44-100
Temperature Uniformity	±0.5 °C
Weight	0.75 kg
Temperature Precision	±0.5°C
Operation Ambient Temperature	8-30°C
Power Supply	12 V DC, 5A

## BAC41 MINI DRY BATH INCUBATOR

Fuzzy PID temperature control system: control temperature stability accurately and fast.

Multi-protection: Over-current protection, high and low temperature warning functions, dry-running protection.

Convenience function: Parameters memory function, temperature correction.

ECO-refrigerant R134a and high quality compressor guarantee the cooling system ecofriendly and powerful

Low Noise design: use high quality compressor and mute pump.

Robust water tank: ultra-slushing and rust-proof

Bright LCD temperature display

Compact design, removable venting grid for convenient cleaning to maintain cooling performance and drain off water



### SPECIFICATIONS

Model	BAC41-100	BAC41-100C
Temperature Range	RT+5-100°C	0°C-100°C
Display Accuracy	±0.1°C	

Outer Dimension (WxDxH)	152Wx120Dx112H mm	162Wx110Dx140H mm
Weight	0.8 kg	1.0 kg
Temperature Control Accuracy	±0.5°C	
Temperature Control Accuracy @ 40°C	±0.3°C	
Power Supply	24 V DC	12 V DC



BAC41-100



BAC41-100C

## BAC42-100 MINI DRY BATH INCUBATOR

Fuzzy PID temperature control system: control temperature stability accurately and fast.

Multi-protection: Over-current protection, high and low temperature warning functions, dry-running protection.

Convenience function: Parameters memory function, temperature correction.

ECO-refrigerant R134a and high quality compressor guarantee the cooling system ecofriendly and powerful

Low Noise design: use high quality compressor and mute pump.

Robust water tank: ultra-slushing and rust-proof

Bright LCD temperature display

Compact design, removable venting grid for convenient cleaning to maintain cooling performance and drain off water



### SPECIFICATIONS

Model	BAC42-100
Temperature Range	RT+5-100°C
Display Accuracy	±0.1°C
Outer Dimension (WxDxH)	152Wx120Dx112H mm
Weight	0.9 kg
Lid's Temperature range	RT+5-100°C
Temperature Control Accuracy	±0.5°C
Temperature Control Accuracy @ 40°C	±0.3°C
Power Supply	24 V DC

## BAC43-099 MINI DRY BATH INCUBATOR

Fuzzy PID temperature control system: control temperature stability accurately and fast.

Multi-protection: Over-current protection, high and low temperature warning functions, dry-running protection.

Convenience function: Parameters memory function, temperature correction.

ECO-refrigerant R134a and high quality compressor guarantee the cooling system ecofriendly and powerful

Low Noise design: use high quality compressor and mute pump.

Robust water tank: ultra-slushing and rust-proof

Bright LCD temperature display

Compact design, removable venting grid for convenient cleaning to maintain cooling performance and drain off water



### SPECIFICATIONS

Model	BAC43-099
Temperature Range	RT+5-99.9°C
Temperature Stability	0.2°C
Display Accuracy	0.1°C
Outer Dimension (WxDxH)	360x180x150 mm
Weight	3 kg
Temperature Control Accuracy	≤0.5°C
Power	120 W
Power Supply	12 V DC

## BAC44-100RT DUAL TEMPERATURE CONTROL DRY BATH

PID controller offers precise temperature control and uniformity

Corrosion resistant inner and outer chamber made of stainless steel

Dual LED screen displays temperature and time

Protection against compressor overload, high/low voltage and current

Convenient and reliable operation

Equipped with caster for easy installation



### SPECIFICATIONS

Model	BAC44-100RT
Temperature Range	4-100°C
Temperature Uniformity	±0.5°C
Outer Dimension (WxDxH)	130x130x85 mm
Weight	0.75 kg

Temperature Precision	±0.5°C
Operation Ambient Temperature	8-30°C
Power Supply	12 V DC, 5A

## BAC45-100 MINI DRY BATH INCUBATOR

- PID controller offers precise temperature control and uniformity
- Corrosion resistant inner and outer chamber made of stainless steel
- Dual LED screen displays temperature and time
- Protection against compressor overload, high/low voltage and current
- Convenient and reliable operation
- Equipped with caster for easy installation



### SPECIFICATIONS

Model	BAC45-100
Temperature Uniformity	±0.5°C
Outer Dimension (WxDxH)	130x395x95 mm
Weight	2.25 kg
Temperature Precision	±0.5°C
Operation Ambient Temperature	8-30°C
Power Supply	12 V DC, 7A

## BAC43-099C MINI DRY BATH INCUBATOR



### SPECIFICATIONS

Model	BAC43-099C
Temperature Range	RT+5-99.9°C (BX7103 & BX7104) 0-99.9°C(BX7102)
Temperature Stability	0.2°C
Display Accuracy	0.1°C

Outer Dimension (WxDxH)	360x180x150 mm
Weight	3 kg
Temperature Control Accuracy	≤0.5°C
Power	120 W
Power Supply	12 V DC
Note	* only for BX7102



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