

# 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		
Temperature Resolution	0.1°C		
Temperature Accuracy	≤±0.5°C at 100°C		
Temperature Fluctuation	0.3°C at 40°C		
Temperature Uniformity	≤±0.3°C		
Time Range	0-999 min		
Time for Cooling	Fan Cooling	Natural Cooling	
Time for Heating	≤15min (20°C to 100°C)		
Platform Dimension	110x156x92 mm		
Weight	1 kg		
Thermo Lid	No		Yes
Display	LCD		
Power	60 W		
Power Supply	24V DC		

Model	BAC22-100C	BAC22-100CL
Temperature Range	-10°C-100°C	
Temperature Resolution	0.1°C	
Temperature Accuracy	≤±0.5°C at 100°C	
Temperature Fluctuation	0.3°C at 40°C	
Temperature Uniformity	≤±0.3°C	
Time Range	0-999 min	

Time for Cooling	≤30min (From RT to RT-20°C)	
Time for Heating	≤15min (20°C to 100°C)	
Platform Dimension	110x156x92 mm	
Weight	1.4 kg	
Thermo Lid	No	Yes
Display	LCD	
Power	120 W	
Power Supply	24V DC	

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Dimension	Capacity	For Models
LS52021	Block A	6 mm	95.5 x 76.5 x 50 mm	42	BAC22-100FC
LS52034	Block B	7 mm	95.5 x 76.5 x 50 mm	42	BAC22-100FC
LS52047	Block C	10 mm	95.5 x 76.5 x 50 mm	20	BAC22-100FC
LS52060	Block D	12 mm	95.5 x 76.5 x 50 mm	20	BAC22-100FC
LS52073	Block E	13 mm	95.5 x 76.5 x 50 mm	20	BAC22-100FC
LS52086	Block F	15 mm	95.5 x 76.5 x 50 mm	12	BAC22-100FC
LS52099	Block G	16 mm	95.5 x 76.5 x 50 mm	12	BAC22-100FC
LS52112	Block H	19 mm	95.5 x 76.5 x 50 mm	12	BAC22-100FC
LS52125	Block I	20 mm	95.5 x 76.5 x 50 mm	6	BAC22-100FC
LS52138	Block J	26 mm	95.5 x 76.5 x 50 mm	6	BAC22-100FC
LS52151	Block K	28 mm	95.5 x 76.5 x 50 mm	4	BAC22-100FC
LS52164	Block L	40 mm	95.5 x 76.5 x 50 mm	2	BAC22-100FC
LS52177	Block M	0.5 ml	95.5 x 76.5 x 50 mm	42	BAC22-100FC
LS52190	Block N	1.5 ml	95.5 x 76.5 x 50 mm	24	BAC22-100FC
LS52203	Block O	2.0 ml	95.5 x 76.5 x 50 mm	24	BAC22-100FC
LS52216	Block P	0.2 ml	95.5 x 76.5 x 50 mm	48	BAC22-100FC
LS52372	Block Q	0.2 ml	96.5 x 153.5 x 33.5 mm	96	BAC22-100FC
LS52385	Block R	Flat (no hole)	96.5 x 135 x 22.5 mm	96 micro-plate	BAC22-100FC
LS52463	Customized	Customized	Customized	Customized	BAC22-100FC
LS53577	Block A	96×0.2 ml PCR tubes			BAC22-100NC
LS53589	Block B	29×0.5 ml and 32×1.5 ml			BAC22-100NC
LS53601	Block C	61×0.5 ml			BAC22-100NC
LS53613	Block D	41×1.5 ml			BAC22-100NC
LS53625	Block E	41×2.0 ml			BAC22-100NC
LS53637	Block F	61xΦ6 mm			BAC22-100NC
LS53649	Block H	28xΦ12 mm			BAC22-100NC
LS53661	Block I	28xΦ13 mm			BAC22-100NC
LS53673	Block J	21xΦ15 mm			BAC22-100NC
LS53685	Block K	21xΦ16 mm			BAC22-100NC
LS53697	Block L	17xΦ18 mm			BAC22-100NC
LS53709	Block M	14xΦ20 mm			BAC22-100NC
LS53721	Block N	9xΦ25 mm			BAC22-100NC
LS53733	Block O	4xΦ32 mm			BAC22-100NC
LS53829	Block A	96×0.2 ml			BAC22-100NCL
LS53841	Block B	54×0.5 ml			BAC22-100NCL

LS53853	Block C	35×1.5 ml			BAC22-100NCL
LS53865	Block D	35×2.0 ml			BAC22-100NCL
LS53877	Block E	15×0.5 ml+20×1.5 ml			BAC22-100NCL
LS53889	Block F	24×Dia.≤φ12 mm tube			BAC22-100NCL
LS53901	Block G	12×15 ml Falcon tube			BAC22-100NCL
LS53913	Block H	6×50 ml Falcon tube			BAC22-100NCL
LS53925	Block I	103×67×30 Rectangular bath block			BAC22-100NCL
LS53937	Block J	96 wells microplate			BAC22-100NCL
LS53949	Block K	24×5.0 ml tubes			BAC22-100NCL
LS53961	Block L	24×5.0 ml tubes			BAC22-100NCL
LS53973	Block M	15×5.0 ml Eppendorf tubes			BAC22-100NCL



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

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS53389	PCR Block	96 X 0.2 ml
LS53401	Centrifuge Tube Block	54 X 0.5 ml
LS53413	Centrifuge Tube Block	35 X 1.5 ml
LS53425	Centrifuge Tube Block	36 X 2.0 ml
LS53437	Centrifuge Tube Block	15X0.5 ml & 20X1.5 ml
LS53449	Microplate Block	96X0.2 ml

## 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

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS52215	Block	1.5/2.0ml adaptors (6/pack)

Accessory Code	Name	Description
LS52267	Block	2.0 mL 6-well Block

LS52228	Block	0.2 mL 24-well Block
LS52241	Block	0.5 mL 12-well Block
LS52254	Block	1.5 mL 6-well Block

LS52280	Block	15 mL 6-well Block
LS52293	Block	50 mL 3-well Block
LS52306	Block	96-well/Flat Bottom Block

## 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

## 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

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Capacity
LS53745	Block A	40×0.2 ml	
LS53757	Block B	24×0.5 ml	
LS53769	Block C	15×1.5 ml	
LS53781	Block D	15×2.0 ml	
LS53793	Block E	Used in Cuvette	8-12.5x12.5x32 mm
LS53805	Block F	4x15 ml	
LS53817	Block G	2x50 ml	



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