

# OIL BATH CIRCULATOR



# OIL BATH CIRCULATOR

Used in Calibration tests, High temperature organic distillation, External circulation, High temperature experiments.  
Also known as Oil Bath, Bath Circulator, Laboratory Oil Bath Circulator.

## BAC51-10 THERMOSTATIC OIL BATH



### SPECIFICATIONS

Model	BAC51-10
Temperature Range	RT~100°C
Temperature Fluctuation	±0.1°C
Pump Flow Rate	8 L / min
Inner Dimension (WxDxH)	200x250x200 mm
Power Supply	220 V

### OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS52215	Block	1.5/2.0ml adaptors (6/pack)
LS52228	Block	0.2 mL 24-well Block
LS52241	Block	0.5 mL 12-well Block
LS52254	Block	1.5 mL 6-well Block

Accessory Code	Name	Description
LS52267	Block	2.0 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

# BAC51 THERMOSTATIC OIL 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	BAC51-20	BAC51-30
Temperature Range	RT~100°C	
Temperature Fluctuation	±0.1°C	
Pump Flow Rate	8 L / min	
Inner Dimension (WxDxH)	280x400x180 mm	300x400x250 mm
Power Supply	220 V	

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description	Temperature	Block Dimension	Capacity	For Models
LS53621	Block	96 x 0.2ml PCR plate	Max. Temp. 100°C			BAC51-20
LS53633	Block	54 x 0.5ml	Max. Temp. 100°C			BAC51-20
LS53645	Block	35 x 1.5ml	Max. Temp. 100°C			BAC51-20
LS53657	Block	35 x 2.0ml	Max. Temp. 100°C			BAC51-20
LS53669	Block	20 x 0.5ml + 15 x 1.5ml	Max. Temp. 100°C			BAC51-20
LS53681	Block	24 x dia. ≤ Φ12mm	Max. Temp. 100°C			BAC51-20
LS53693	Block	32 x 0.2ml + 25 x 1.5ml	Max. Temp. 100°C			BAC51-20
LS53705	Block	32 x 0.2ml + 10 x 0.5ml + 15 x 1.5ml	Max. Temp. 100°C			BAC51-20
LS53717	Block	103 x 67 x 30mm (water bath block)	Max. Temp. 100°C			BAC51-20
LS53729	Block	flat block	Max. Temp. 100°C			BAC51-20
LS53741	Block	24 x 5ml (non-standard)	Max. Temp. 100°C			BAC51-20
LS53753	Block	12 x 15ml (non-standard)	Max. Temp. 100°C			BAC51-20
LS53765	Block	6 x 50ml (non-standard)	Max. Temp. 100°C			BAC51-20
LS53777	Block	customized	Max. Temp. 100°C			BAC51-20
LS53789	Block	Suit for block A ~H, J				BAC51-20
LS53801	Block	Suit for block I, K, L, M				BAC51-20
LS53813	Block	6 mm		95.5 x 76.5 x 50mm	42	BAC51-30
LS53825	Block	7 mm		95.5 x 76.5 x 50mm	42	BAC51-30
LS53837	Block	10mm		95.5 x 76.5 x 50mm	20	BAC51-30

LS53849	Block	12mm		95.5 x 76.5 x 50mm	20	BAC51-30
LS53861	Block	13mm		95.5 x 76.5 x 50mm	20	BAC51-30
LS53873	Block	15mm		95.5 x 76.5 x 50mm	12	BAC51-30
LS53885	Block	16mm		95.5 x 76.5 x 50mm	12	BAC51-30
LS53897	Block	19mm		95.5 x 76.5 x 50mm	12	BAC51-30
LS53909	Block	20mm		95.5 x 76.5 x 50mm	6	BAC51-30
LS53921	Block	26mm		95.5 x 76.5 x 50mm	6	BAC51-30
LS53933	Block	28mm		95.5 x 76.5 x 50mm	4	BAC51-30
LS53945	Block	40mm		95.5 x 76.5 x 50mm	2	BAC51-30
LS53957	Block	0.5 ml		95.5 x 76.5 x 50mm	42	BAC51-30
LS53969	Block	1.5 ml		95.5 x 76.5 x 50mm	24	BAC51-30
LS53981	Block	2.0ml		95.5 x 76.5 x 50mm	24	BAC51-30
LS53993	Block	0.2ml		95.5 x 76.5 x 50mm	48	BAC51-30
LS54005	Block	0.2ml		96.5 x 153.5 x 33.5mm	96	BAC51-30
LS54017	Block	Flat (no hole)		96.5 x 135 x 22.5mm	96 micro-plate	BAC51-30
LS54029	Block	customized		customized	customized	BAC51-30



BAC51-20



BAC51-30

## BAC51 ELECTRIC HEATING THERMOSTATIC OIL BATH

Advanced inner circulation and outer circulation pump

LED dual-window digital display

High effective thermal insulation materials



### SPECIFICATIONS

Model	BAC51-10TS	BAC51-20TS	BAC51-30TS	BAC51-50TS
Capacity	10 L	20 L	30 L	50 L
Temperature Range	RT +5 to 300°C			
Temperature Accuracy	±0.1°C			
Pump Flow Rate	8 L/min			
Inner Dimension (WxDxH)	250x200x200 mm	400x180x280 mm	400x250x300 mm	400x350x350 mm

Control	Microprocessor Controller
Display	LED
Power Supply	220 V



BAC51-10TS



BAC51-20TS



BAC51-30TS



BAC51-50TS



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