

OIL BATH CIRCULATORS



OIL BATH CIRCULATORS

Oil baths are commonly used in synthesis to provide a very even and steady source of heat that is important for thermodynamic and kinetic control of many reactions. These made up of stainless steel trays and covered on the inside by an antibacterial layer, this bath allows a controlled management of temperatures and total uniformity. Oil baths have the same foundation as water baths with the difference that some oil is used instead of water. Its use is recommended when the temperatures to be reached exceed 100 ° C.

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

LTBAT22-1 THERMOSTATIC OIL BATH



SPECIFICATIONS

Model	LTBAT22-1
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

LTBAT22-2 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	LTBAT22-2
Temperature Range	RT~100 °C
Temperature Fluctuation	±0.1°C
Pump Flow Rate	8 L / min
Inner Dimension (WxDxH)	280x400x180 mm
Power Supply	220 V

LTBAT22-3 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	LTBAT22-3
Temperature Range	RT~100 °C
Temperature Fluctuation	±0.1°C
Pump Flow Rate	8 L / min
Inner Dimension (WxDxH)	300x400x250 mm
Power Supply	220 V

LTBAT21 ELECTRIC HEATING THERMOSTATIC OIL BATH

- Advanced inner circulation and outer circulation pump
- LED dual-window digital display
- High effective thermal insulation materials



SPECIFICATIONS

Model	LTBAT21-1	LTBAT21-2	LTBAT21-3	LTBAT21-4
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			



LTBAT21-1



LTBAT21-2



LTBAT21-3



LTBAT21-4

LABTARE

Labtare Analytical Instruments

Email: info@labtare.com | Website: labtare.com