

DBATH100 Dry Bath Incubator with thermo block



LCD



Smart PID Heating

Download Catalogue



Heating

DBATH100 Series high temperature dry bath incubator controlled by microcomputer, use high purity aluminum material as a heat conduction medium instead of the conditional water bath device. which is easy to use, wide temperature range, high precision and etc. It can be widely used in the sample preservation, reaction of DNA amplification, electrophoresis, degeneration, solidification and other kinds of serum biochemical sample thermostatic incubation process.

RT+5°C to 160°C



LCD Display Screen

Microcomputer control temperature with timing functions, Built-in power-off protection can automatically resume operation after power on.



Set of 16 interchangeable Blocks

A set of 16 interchangeable aluminum blocks resistant to chemical spills. Convenient block replacement, easy to clean and disinfect.



Timing function

within the range of 0-9999 min or continuous - the incubation time can be set arbitrarily.



Anti Bacteria Powder Coating

Chemical resistant. Risk-free operation with safety temperature protection



Automatic fault detection

Temperature deviation calibration function

- Temperature range RT+5°C to 160°C
- Hot device indicator
- Uniform temperature across blocks
- Timing range: 1min to 9999min or continues
- Real-time temperature display, the countdown display.
- Display accuracy: 0.1°C
- Risk-free operation with safety temperature protection
- Temperature deviation calibration function
- Lid for protection and heating preservation
- The device is made of materials with high chemical and temperature resistance
- Convenient block replacement, easy to clean and disinfect
- Microprocessor PID temperature control
- Working temperature +4°C to 40
- The two-line LCD display shows the set and current parameters - temperature, timer

Model	Dry Bath Incubator		
	DBATH100A	DBATH100B	DBATH100C
Standard microtube	28x2ml micro tube with cap	56x2ml micro tube with cap	112x2ml micro tube with cap
Temperature setting range	25°C-160°C		
Heating method	Peltier		
Display Accuracy	0.1°C		
Temperature stability	±0.5°C		
Temperature uniformity	±0.5°C		
Timer	0 to 9999min or continues		
Running function	Setting temperature, timer, upper temp limit, alarm, temperature calibration, menu lock, ...		
Temperature Sensor	Pt100 A Class		
Additional features	Temp. deviation correction, menu button lock, power failure memory, hot device indicator,		
Power supply (50/60Hz)	AC220V±10%/50/60Hz		
Power	85W	170W	360W
NW /GW kg	1,7/4	6/8	10/12
Optional accessories	Blocks		

Block Code	Aperture and number of test tubes
BL001	96x0.2ml centrifugal tube
BL002	50xf6mm
BL003	40x0,5ml
BL004	28xf10mm
BL005	28x1,5ml
BL006	28x2ml
BL006A	56x2ml
BL006B	112x2ml
BL007	24xf13mm
BL008	15x16mm
BL009	12x18mm
BL010	8x20mm
BL011	6x26mm
BL012	Mixed size: 6xφ13mm+8xφ10mm; 10xφ6mm+1xφ25mm test tubes
BL013	Mixed size: 14xφ11mm; 14xφ12mm
BL014	Mixed size: Customized

Please note

If this Incubator does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

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