

## Jeio Tech Heating Block (CHB-350T)

**Product Code:** AAHJ1115K

**Brand:** Jeio Tech

Jeio Tech's Heating Block (CHB-350T) is ideal for the simultaneous heating of multiple vials or test tubes with uniform and precise temperature control. With its built-in temperature limit setting feature, users are able to perform highly temperature sensitive reactions such as isothermal amplifications.

With the main body's tight coupling design and the corrosion-resistant anodized aluminium blocks, optimal heat transfer can be produced.

The body is manufactured from highly chemical resistant polypropylene, making it very easy to clean and maintain.



## Features:

### Performance:

- Precision accuracy of  $\pm 0.1^{\circ}\text{C}$  is ensured by PID controller from ambient  $+5^{\circ}\text{C}$  to  $130^{\circ}\text{C}$ .
- Temperature calibration.
- Its built-in temperature limit setting feature (with max.  $0.2^{\circ}\text{C}$  overshooting) allows you to perform highly temperature sensitive reactions such as isothermal amplifications.
- Optimal heat transfer is achieved by the tight coupling design of the main body and the corrosion-resistant anodized aluminium blocks.

### Convenience:

- Bright VFD display with responsive touch buttons.
- Advanced dual wait on/off timer modes. User can set timer to start immediately after the timer setting or only after reaching the set temperature.
- Transparent lid allows easy sample monitoring and even temperature distribution.
- Blocks can be easily interchanged by the included block filter.

### Safety:

- Self-diagnostic function identifying errors.
- Automatic power cut-off. If the temperature of the main body exceeds  $150^{\circ}\text{C}$ . If the internal circuit is overheated.
- Its polypropylene main body is highly chemical-resistant and easy-to-clean.

## Specifications:

<b>Control System</b>		Feedback control PID
<b>Display</b>		VFD ( $0.1^{\circ}\text{C}$ resolution)
<b>Temperature</b>	<b>Range (<math>^{\circ}\text{C}</math>)</b>	Amb. $+5$ to $130$
	<b>Fluctuation at <math>80^{\circ}\text{C}</math></b>	$\pm 0.1$
	<b>Variation at <math>80^{\circ}\text{C}</math></b>	$\pm 0.5$
<b>Safety</b>	<b>Over Temp.</b>	Heating Plate
	<b>Over Current</b>	PCB
<b>Dimensions (w x d x h)</b>	<b>Internal (mm)</b>	$154 \times 99 \times 37$
	<b>External (mm)</b>	$249 \times 330 \times 250$
	<b>Net Weight (kg)</b>	4.3
<b>Electrical Requirements (230V, 50/60Hz)</b>		3.5A

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