

Jeio Tech 150 to 1500rpm Heating Shaker (CBS-350)

Product Code: AAHJ4015K

Brand: Jeio Tech

Useful for a variety of molecular biology applications, Jeio Tech's 150 to 1500rpm Heating Shaker (CBS-350) comes with an interval mix function that can be properly set according to the user's experimental conditions when in programme mode. Its microprocessor PID control allows the shaker to carry out a consistent shaking motion and deliver precise accuracy.

With rubber feet on its highly chemical-resistant and easy-to-clean polypropylene body, this laboratory mini shaker delivers minimal vibration and noise. The use of its memory function of programmes allows relevant parameters (e.g. time, rpm, temp.) of each programme step to be safely stored.



Features:

Performance:

- Microprocessor PID control ensuring consistent shaking motion and precision accuracy.
- Wide speed range from 150 to 1500rpm (block dependent).
- Automatic temperature calibration.

Convenience:

- Bright VFD display with responsive touch buttons.
- Memory function of programmes allowing relevant parameters (such as temp., rpm, time) of each programme step to be stored. Up to 10 programmes allowed for memory storage. Up to 10 steps allowed for each programme. Interval mix function (continuous switching between shaking and phasing).
- 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.
- Optimal heat transfer is achieved by the right coupling design of the main body and the corrosion-resistant anodized aluminium blocks.

Safety:

- Self-diagnostic function identifying errors.
- Its polypropylene main body is highly chemical-resistant and easy-to-clean.
- Low-profile design with rubber feet for minimal vibration and noise.
- Over-current protection.

Specifications:

Control		PID feedback control	
Display		VFD (0.1°C resolution)	
Temperature	Range (°C)	Amb. +5 to 100	
	Fluctuation at 80°C	± 0.3	
	Variation at 80°C	± 0.7	
Safety	Over Temp.	Heating Plate	
		PCB	
	Over Current	Current limit protection	
Shaking System	Motion Type		Orbital
	Speed Range (rpm)	96-well tube block	150 to 1500
		0.5ml tube block	150 to 1000
		1.5ml tube block	
		15ml tube block	150 to 900
		Ø 12 tube block	150 to 850
		Ø 13 tube block	
		50ml tube block	150 to 800
Orbit Size (mm)		2	
Dimensions	Body	249 x 325 x 120mm	
	Net Weight (kg)	8.3	
Electrical Requirements (230V, 50Hz/60Hz)		1.7A	

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