

Heating Shaker



Up to 100°C, 1500rpm, and program control

Structural Functional Features

- Three specialized interval mix programs are provided. (45/55/65°C & 1,000rpm, 1 minute operation/stop)
- 10-step temperature and shaking control set.
- Program can be set to 99 repetitions or infinite repetitions.
- Optimal heat transfer is achieved by the tight coupling design of the main body.
- Compact design makes it easy to move and use space.
- Polypropylene (PP) material with excellent chemical resistance.
- Improved durability with integrated shaking module. (registration KR 10-1429256)
- Aluminum block with excellent thermal conductivity and block cover (option) made of polypropylene.

Use Convenience Features

- The temperature can be set accurately in units of 0.1°C.
- Feedback control enables precise temperature control.
- Calibration function minimizes temperature difference.
- Protecting the sample by starting with soft shaking.
- Easy to operate with clear VFD display, touch keys and control knobs.
- Provides operating elapsed time check.
- Count-down timer provided. (up to 99 hours and 59 minutes)



CBS-350
with Block (option)

Outstanding Safety

- Structure with minimal inflow of reagent or sample.
- Convenient and safe operation by notifying the status of heating condition.
- Overheating temperature prevention function. (heating panel, control unit)
- Over-current prevention function.

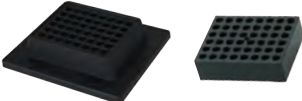
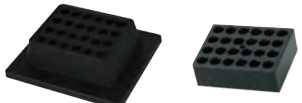
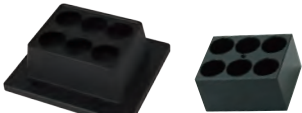

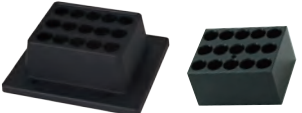
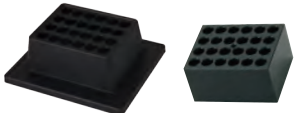
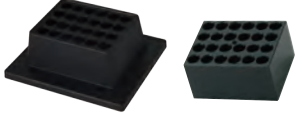
Specification

Model		CBS-350
Temperature		
Range (°C / °F)		Amb. +5 ~ 100 / Amb. +41 ~ 212
Fluctuation at 80°C (±°C / ±°F)		0.3 / 32.54
Variation at 80°C (±°C / ±°F)		0.7 / 33.26
Display		Up to 100°C, 0.1°C resolution
Control		Feedback control
Shaking System		
Motion type		Orbital
Speed range (rpm)	96-well tube block	150 to 1500
	0.5 ml tube block	150 to 1000
	1.5 ml/2.0 ml tube block	150 to 1000
	15 ml tube block	150 to 900
	Ø12 tube block	150 to 850
	Ø13 tube block	150 to 850
50 ml tube block		150 to 800
Amplitude, Orbital size (mm, dia.)		2
Timer		1min to 99hr 59min
Safety device		Over temperature protection, Over current protection
Material		
Body		PP, Powder coated steel
Cover		PP
Block		Black hard anodized Aluminum
Dimensions		
Exterior (W x D x H, mm / inch)		249 x 325 x 120 / 9.8 x 12.79 x 4.72
Net weight (kg / lbs)		8.25 / 18.19
Electrical Requirements (230V, 50/60Hz, A)		1.7
Cat. No.		AAHJ4015K
Electrical Requirements (120V, 60Hz, A)		3.4
Cat. No.		AAHJ4013U

Accessories **Page 165** Heating Block



Accessories for Heating Shaker

Image	Model	Description	Max. Mountable Tube	Dimensions (W x D x H, mm / inch)	Mountable Capacity of Blocks	
					CBS-350	
	AAAJ4501	0.5 ml Tube block with block cover	48	98 x 76.5 x 30 / 3.86 x 3.01 x 1.18	1	
	AAAJ4502	1.5 / 2.0 ml Tube block with block cover	24	98 x 76.5 x 41 / 3.86 x 3.01 x 1.61	1	
	AAAJ4503	50 ml Tube block with block cover	6	98 x 76.5 x 51 / 3.86 x 3.01 x 2.01	1	
	AAAJ4504	0.2 ml Tube block with block cover	96	111 x 76.5 x 15 / 4.37 x 3.01 x 0.59	1	
	AAAJ4505	15 ml Tube block with block cover	15	98 x 76.5 x 51 / 3.86 x 3.01 x 2.01	1	
	AAAJ4506	Φ12 mm Tube block with block cover	24	98 x 76.5 x 51 / 3.86 x 3.01 x 2.01	1	
	AAAJ4507	Φ13 mm Tube block with block cover	24	98 x 76.5 x 87 / 3.86 x 3.01 x 3.42	1	

※ Both block cover for AAAJ4506 and AAAJ4507 is the same specification.