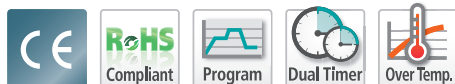


Heating Shaker



Useful for a variety of molecular biology applications.

Interval mix function in program mode can be properly set according to user's experimental conditions.



CBS-350

with optional tube block

Optional accessories • 96-well tube block set with cover
see page 153 • Tube block set with cover

Performance

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

Convenience

- Bright VFD display with responsive touch buttons.
- Memory function of programs allowing relevant parameters (such as temp., rpm, time) of each program step to be stored.
 - Up to 10 programs allowed for memory storage.
 - Up to 10 steps allowed for each program.
 - 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 temp.
- Optimal heat transfer is achieved by the tight coupling design of the main body and the corrosion-resistant anodized aluminum 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.

Model		CBS-350	
Control		PID feedback control	
Display		VFD (0.1°C resolution)	
Temperature	Range (°C / °F)	Amb. +5 to 100 / 41 to 212	
	Fluctuation at 80°C (±°C / °F)	0.5 / 0.9	
	Variation at 80°C (±°C / °F)	0.15 / 0.27	
	Heating power (W)	360	
Safety	Over temp.	Heating plate PCB	
	Over current	Current limit protection	
Shaking system (WxDxH)	Motion type	Orbital	
	Speed range (rpm)	96-well tube block	150 to 1500
		0.5mL tube block	150 to 1000
		1.5mL tube block	150 to 1000
		15mL tube block	150 to 900
		Ø12 tube block	150 to 850
		Ø13 tube block	150 to 850
50mL tube block	150 to 800		
Orbit size (mm / inch, dia.)	2 / 0.08		
Dimension (WxDxH)	Body ¹⁾ (mm/inch)	249 x 325 x 120 / 9.8 x 12.8 x 4.7	
	Net weight (Kg / lbs)	8.3 / 18.3	
Electrical requirements (230V,50Hz/60Hz)		1.7A	
Cat. No.		AAHJ4015K	
Electrical requirements (120V,60Hz)		3.4A	
Cat. No.		AAHJ4013U	

1) Main body dimension without accessories.

* Permissible environmental conditions: temperature (5-40°C) and relative humidity (up to 80%).

* FDA establishment registered company. FDA listed products.

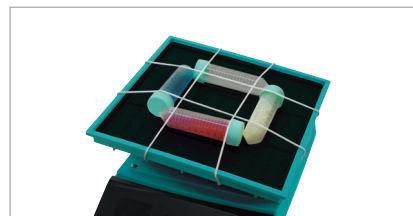
for Rocking Shaker / Waving Shaker / Mini Shaker



Rubber mat



Dimpled mat



Universal harness

Cat. No.	Description	Component
AAA38501	Rubber mat	Tray, Sticky pad
AAA38502	Dimpled mat	Tray, Silicone pad
AAA38503	Universal harness	Tray, Sticky pad, Rubber band (6ea)

for Microplate Shaker



1.5ml Micro-tube rack



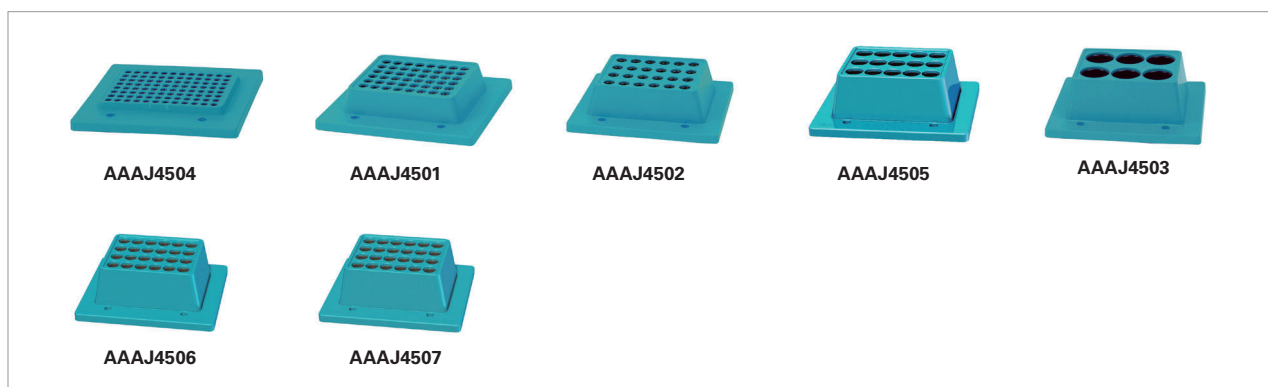
15ml Conical tube rack



50ml Conical tube rack

Cat. No.	Description	Max. mountable tube
AAAJ2311	1.5ml Micro-tube rack with cap	80 (5 x 16)
CPS0011	15ml Conical tube rack	30 (3 x 10)
CPS0012	50ml Conical tube rack	12 (2 x 6)

for Heating Shaker



Cat. No.	Description	Max. mountable tube
AAAJ4504	96-well Tube block with cover	0.2ml x 96 holes (micro tube)
AAAJ4501	0.5ml Tube block with cover	0.5ml x 48 holes (micro tube)
AAAJ4502	1.5ml Tube block with cover	1.5ml x 24 holes (micro tube)
AAAJ4505	15ml Tube block with cover	15ml x 15holes (centrifuge tube)
AAAJ4503	50ml Tube block with cover	50ml x 6 holes (centrifuge tube)
AAAJ4506	ø12 Tube block with cover	ø12 x 24holes
AAAJ4507	ø13 Tube block with cover	ø13 x 24holes