

Heating Shaker

Useful for a variety of molecular biology applications.

Interval mix function in program mode can be properly set according to users' test condition.

Features

- > Microprocessor PID control ensuring consistent shaking motion and precision accuracy.
- > Speed range from 150 to max. of 1500 rpm (depending on the choice of interchangeable blocks)
- > Maximum 9 temperature range-specific calibration.
- > Memory function of programmed protocols allowing relevant parameters (such as temp., rpm, time) of each protocol step to be stored.
 - Up to 10 protocols allowed for memory storage.
 - Up to 10 steps allowed for each protocol.
 - Interval Mix function (continuous switching between shaking and phasing)
- > Two types of timer modes:
 - Timer 1 starts only after reaching the set temp.
 - Timer 2 starts right after the timer setting.



- > 96-Well Tube Block Set with Covers
- > 0.5mL / 1.5mL / 50mL Tube Block Set with Covers



Specifications

Mode	WS-350B		
Order No.	W5012350		
Control	Feedback control PID		
Display	VFD (0.1°C resolution)		
Temperature	Range (°C)	Amb.+5-100°C	
	Stability at 80°C (±°C)	0.3	
	Variation at 80°C (±°C)	0.7	
	Heating power (W)	360	
Safety	OverTemp.	Heating plate	
	Over Current	PCB	
	Motion Type	Current limit protection	
Shaking System Dimension (WxDxH)	Speed range (rpm)	96-well tube block	150 -1500
		0.5mL tube block	150- 1000
		1.5 mL tube block	150-1000
		50 mL tube block	150-800
	Orbit Size (mm)	2	
IP code	IP21		
Overall(WxDxH) (mm)	276 x 334 x 170		
Weight (kg)	8.3		
Electrical requirements	230V, 50/60 Hz, 1.7A		

Constructional

- > Bright VFD display with responsive touch buttons.
- > Its powder coated stainless steel body is highly chemical-resistant and easy-to-clean.
- > Optimal heat transfer is achieved by the tight coupling design of the main body and the corrosion-resistant anodized aluminum blocks.
- > Low-profile design with rubber feet for minimal vibration and noise.
- > Blocks can be easily interchanged by the included block lifter.



W5012454

W5012451



W5012452

W5012453

Accessories

Order No.	Description	Max. Mountable Tube
W5012451	0.5 mL Tube Block Set with Cover	0.5mL x 48 holes (microtube)
W5012452	1.5 mL Tube Block Set with Cover	1.5mL x 24 holes (microtube)
W5012453	50 mL Tube Block Set with Cover	50mL x 6 holes (centrifuge tube)
W5012454	96-well Tube Block Set with Cover	0.2mL x 96 holes (microtube)