

Constant Temperature Shaking Incubator

Small desktop constant temperature shaking culture equipment.

Characteristics:

- Large-screen LCD, shows temperature, speed, working time, menu operation interface, easy to operate.
- Microcomputer control temperature and oscillation frequency with timing functions, built-in power-off protection can automatically resume operation after power on.
- Unique air duct breeze circulation, large observation window.
- Speed control : intelligent brushless DC motor, high speed accuracy, slow start design, auto lock if speed out of control. adjustable starting speed to prevent the splash of shake flask liquid.



Main Technical Parameters:

Model		FS-50B	FS-70B	
Shaking Mode		Cyclotron Oscillation		
Function	Amplitude	Φ20mm		
	Temp. Resolution	0.1℃		
	Temp. Motion	± 0.1℃		
	Temp. Uniformity	± 1℃		
	Temp. Range	RT+5 ~ 65℃	4 ~ 65℃	
	Rotary Speed	30 ~ 300rpm	30 ~ 300rpm	
	Rotary Speed Precision	± 1rpm		
Structure	Chamber Material	Mirror Stainless Steel		
	Outer Shell	ABS		
	Observation Window Material	Imported resin		
	Thermal Insulation Material	Polyurethane		
	Cooling System	No	Yes	
	Coolant	No	R134a	
	Heater	Stainless steel heating tube		
	Drive Mode	Three-axis level		
	Oscillating Plate	Spring Wire Rack		
	Air Circulation Mode	Horizontal convection		
	Power Rating	0.6kW	0.8kW	
	Controller	Temp. Control Mode	LCD PID intelligent control	
		Cyclotron Control Mode	Automatic changes of rotation direction	
		Setting Mode	Touch button setting	
Temp. Display Mode		LCD display		
Speed Display Mode		LCD display		
Timer		0 ~ 9999min		
Operation Function		Fixed value operation、timing function、bidirectional automatic switchover、auto stop、quick stop start		
Temperature Sensor		Pt100		
Speed Sensor		Hoare		
Gating System		Yes		
Additional Function	Deviation correction, menu keys locked, power-off memory			
Safety Device		over temperature alarm, menu locked, gating system ,power-off protection , plugging turn protection		
Specification	Inner Chamber Size (W*L*H)(mm)	455*380*290	560*390*320	
	Exterior Size (W*L*H)(mm)	500*640*480	600*770*500	
	Packing Size (W*L*H)(mm)	550*690*530	940*780*655	
	Shelf Size (mm)	380*320	480*315	
	Max capacity of Shelf for single specification(ml/pc)	100ml*16/250*10/500*6	100ml*28/250*15/500*8/1000*6	
	Number of flask clamp as standard (ml/pc)	250*8	250*12	
	Inside Volume	50L	70L	
	Shelf Load Bearing	≤ 10kg/layer	≤ 15kg/layer	
	Shelf Layer	1		
	Power Supply (50/60Hz) Current Rating	AC220V/2.5A	AC220V/3.5A	
	NW/GW (kg)	25/35	65/85	