

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	0.6kW	
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	1
	Power Supply (50/60Hz) Current Rating	AC220V/2.5A	AC220V/3.5A
NW/GW (kg)	25/35	65/85	

Decoloration Shaker

Experiment of sample shake in solution, fixation of electrophoretic gel separate band, oscillate shaking of coomassie blue dyeing and decolorization, immobilization, staining and development of silver nitrate.

Characteristics:

- Temperature setting, measuring, and running state show on one large LCD screen, with rotary encoder switch.
- The operating parameters can be remembered and protected, automatically resume operation if the power supply cut off.
- 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		FBS-O20
Shaking Mode		Cyclotron oscillation
Function	Amplitude	φ 20mm
	Rotary Speed range	30 - 200 (r/min)
	Rotary Speed Precision	± 1rpm
Structure	Out Shell	ABS
	Motor type	Brushless motor
	Tray	Anodizing Alluminum
	Driving mode	Four horizontal points
Power rating	0.03KW	
Controller	Cyclotron Control Mode	LCD, PID intelligent control
	Cyclotron Setting Mode	Rotary coding switch
	Speed display Mode	LCD display
	Timer	0 - 9999 min (with timing function)
	Operation function	Fixed value operation, timing function, bidirectional automatic switchover, auto stop, quick stop start
	Speed Sensor	Hoare
	Additional function	Deviation calibration, power-off memory
Safety device		Intelligent low speed start, blocking protection
Specification	Exterior size (W*L*H)(mm)	365*450*222
	Packing size (W*L*H)(mm)	415*500*275
	Tray size (mm)	320*320
	Load per tray	≤5kg
	Tray Number	1
	Supply (50/60Hz) Current rating	AC220V/0.14A
	NW/GW (kg)	10/15