

Constant Temperature Shaking Incubator

◎ Small desktop constant temperature shaking culture equipment.

Characteristics:

- Large-screen LCD, can be continuous, accurate, real-time 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, with better temperature uniformity; large observation window, Easy to observe sample, easy to be opened and closed
- 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.
- With function of cutting off UV lamp by open door.
- Studio at the bottom waterproof, Spills will not affect the normal operation of the machine.



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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℃ (25℃)
	Rotary Speed	30 ~ 300rpm	30 ~ 300rpm
Rotary Speed Precision	± 1rpm		
Structure	Chamber Matrcial	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	
	Standard Tray Style	Universal spring grid tray	
	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	0 ~ 9999min	
	Timer	Fixed value operation、 timing function、 bidirectional automatic switchover、 auto stop、 quick stop start	
	Operation Function	PT100	
	Temperature Sensor	Hoare	
	Speed Sensor	Yes	
	Gating System	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)	802*620*685	913*720*698
	Shelf Size (mm)	380*320	480*315
	Max capacity of Shelf for single specification(ml/pc)	100ml*16/250ml*9/500ml*5/1000ml*4	100ml*24/250ml*12/500ml*8/1000ml*6
	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)	45/55	65/85
Optional Flask Clip Tray Wireless Short Message Alarm System			
	100ml*16/250ml*9/500ml*5/1000ml*4	100ml*24/250ml*12/500ml*6/1000ml*6	

Orbital 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-O10	FBS-O20	
Shaking Mode			
Cyclotron oscillation			
Function	Amplitude	φ 10mm	φ 20mm
	Rotary Speed Range	100~500rpm	30~250rpm
	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 Funicton	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)	470*550*325	
	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	
Optional Type			
Universal spring grid tray			
Flask Clip Tray 250ml*9/500ml*4			