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.
- 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.

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 Matcrial	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		
	Setting Mode	Automatic changes of rotation direction	
	Temp. Display Mode	Touch button setting	
	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-oft 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)	630*812*670	730*923*683
	Shelf Size (mm)	380*320	480*315
	Max capacity of Shelf for single specification(ml/pc)	100ml*16/250ml*9/500ml*4/1000ml*4	100ml*24/250ml*12/500ml*6/1000ml*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)	44/55	65/85
Optional Flask Clip Tray		100ml*16/250ml*9/500ml*4/1000ml*4	100ml*24/250ml*12/500ml*6/1000ml*6