Desktop Constant Temperature Shaker(LCD)

1.Ultra-low speed start, auto-lock when speed out of control, adjustable start-up speed.

2.Multi-stage speed, temperature and time control system.Can set different speed, temperature and time in one time,automatic change operating mode during working.

3.Silent fan design,forced air convection mode and unique air circulation structure ,ensure good temperature uniformity.

4.Automatic refrigerating mode, environmental friendly cryogen,automatic control for refrigerating system on and off based on ambient temperature.

5.Intelligent refrigerate without frost,automatic defrosing function,can set time and interval time for defrosing,ensure machine in stable operation under low temperature. With refrigerating delay start-up function to protect compressor.

6.Three rotation mode for chose : positive rotation ,inversion reciprocal and mutual conversion.

7.LCD display temperature ,time and speed on same screen.

8.With fault self-diagnosis, indicating fault location and fault code, to help find problrm and solve problem.

9.High precision speed control : PID feedback control, avoid damage from long time motor working at low speed causing motor under over heating.

FAITHFUL

FSI-70C

Main Technical Parameters:

Name	Desktop Constant Temperature Shaker(LCD)		
Model	FSI-70		FSI-70C
Control Mode	PID Microcomputer Processing Chip		
Cycle Mode	Forced Air Convection		
Oscillation Mode	Cyclotron Oscillation		
Display Mode	LCD Display		
Drive Mode	Single-Dimensional Drive		
USB Data Download System	Yes (optional)		
Control System	Standard Mode;Continuous Mode;Programable Mode(multi-stage temperature,speed and time control)		
Rotary Speed Range (rpm)	0, 20-450 (Static Cultivate, Positive And Negative Rotation)		
Rotary Accuracy (rpm)	±1		
Amplitude (mm)	Φ26		
Max Capacity (clamp)	100ml x 23 or 250ml x 15 or 500ml x 9 or 1000ml x 6 or 2000ml x 4		
Max Capacity (stick mat)	100ml x 30 or 250ml x 20 or 500ml x 9 or 1L x 8 or 2L x 4		
Standard Configuration	500ml x 3 250ml x 3 100ml x 4 50ml x 4		
Plate Size (mm)	450 x 410		
Timer Range (h/min)	0-9999 (with timing function,continuous operating)		
Temperature Range (℃)	Temperature Range+5-65	RT+5-65	4-65 (25℃)
Temperature Accuracy (℃)	±0.1		
Temperature Uniformity (℃)	±0.5 (37℃, Effective Working Area)		
Temperature Motion (℃)	≤0.1 (37℃)		
Tray Number	1 piece		
External Size (mm)	750 x 710 x 520		
Capacity (L)	70		
Power (W)	550		650
Power Supply	AC220±10% 50-60HZ		
Ambient Temperature (℃)	5-30		
Additional Function	Untra-low speed start, adjustable start speed, automatic over speed protection, timer monitor,parameter memory,electricity incoming recovery, refrigeration unit overload protection and electricity incoming delay start, automatic defrosing,upper and lower limits over temperature acoustooptical alarm, automatic stop by door opened (optional),LED light, UV sterilizing function (optional), parameter setting for viewing, calibration for monitor temperature and ambient temperature.		