

Horizontal Constant Temperature Shaker (LCD)

- 1.Ultra-low speed start, auto-lock when speed out of control, adjustable start-up speed.
- 2.Silent fan design,forced air convection mode and unique air circulation structure ,ensure good temperature uniformity.
- 3.Automatic refrigerating mode, environmental friendly cryogen,automatic control for refrigerating system on and off based on ambient temperature.
- 4.Intelligent refrigerate without frost,automatic defrosting function,can set time and interval time for defrosting,ensure machine in stable operation under low temperature. With refrigerating delay start-up function to protect compressor.
- 5.Three rotation mode for chose : positive rotation ,inversion reciprocal and mutual conversion.
- 6.7" touch screen(optional), can display setting time,measuring time,setting temperature,measuring temperature,setting speed and measuring speed; and display current operating mode,date and alarm fault checking.



Main Technical Parameters:

Name	Horizontal Constant Temperature Shaker			
Model	FSI-200	FSI-200C	FSI-280	FSI-280C
Control Mode	PID Microcomputer Processing Chip			
Cycle Mode	Forced Air Convection			
Oscillation Mode	Cyclotron Oscillation			
Display Mode	LCD Display			
Drive Mode	Multi-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, 20-350 (Static Cultivate, Positive And Negative Rotation)			
Rotary Accuracy (rpm)	±1			
Amplitude (mm)	φ26 (Customizable φ35 (20-250rpm/min) 、 φ50 (20-200rpm/min)			
Max.Clamp (clamp)	100ml x 66 or 250ml x 45 or 500ml x 28 or 1L x 15 or 2L x 11		250ml x 45 or 500ml x 28 or 1L x 15 or 2L 11 or 3L x 8 or 5L x 6	
Max Capacity (stick mat)	100ml x 77 or 250ml x 48 or 500ml x 32 or 1L x18 or 2L 14		250ml x 48 or 500ml x 28 or 1L x 18 or 2L x 14 or 3L x 8 or 5L x 6	
Standard Configuration	500ml x 28		2000ml x 8	
Plate Size (mm)	920 x 500		920 x 500	
Timer Range (h/min)	0-9999 (with timing function,continuous operating)			
Temperature Rang (°C)	Temperature Range+5-65 RT+5-65	4-65 (25°C)	Temperature Range+5-65 RT+5-65	4-65 (25°C)
Temperature Accuracy (°C)	±0.1			
Temperature Uniformity (°C)	±0.5 (37°C, Effective Working Area)			
Temperature Motion (°C)	≤0.1 (37°C)			
Tray Number	1 piece			
External Size (mm)	1200 x 760 x 880		1200 x 760 x 1050	
Capacity (L)	188		260	
Power (W)	650	900	650	950
Power Supply	AC220±10% 50-60HZ			
Ambient Temperature (°C)	5-30			
Additional Function	Ultra-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 defrosting,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.			