Vertical constant temperature shaker (LCD)

Characteristics:

- Imported compressors, imported bearings, servo motors.
- Air duct design, not direct blowing, good temperature uniformity.
- The minimum speed is 20rpm, Custom models can be done10rpm,and it can start andstop at ultra−low speed to protect the sample to the greatest extent.
- Make an appointment to start the function.
- Solenoid valve defrost function can ensure long−term low tem−perature operation.
- Can be set to run forward, reverse, and alternately run.

Main Technical Parameters:

Name	Vertical constant temperature shaker (LCD)					
Model	FSI−175	FSI−175C	FSI−335	FSI−335C	FSI−580	FSI−580C
Control Mode	PID microcomputer processing chip					
Cycle Mode	Forced convection					
Shaking Mode	Convolution					
Display Mode	LCD liquid crystaldisplay					
Drive Mode	Multidimensional drive					
	3 Axes				4 Axes	
USB data download system	Yes（optional）					
Control System	（Standard mode; continuous mode; programmable mode (multi−stage temperature, speed, time control)）					
Rotary Speed Range（rpm）	0，20−350（Can do static training, forward and reverse）				0，20−280（Can do static training, forward and reverse）	
Rotary Accuracy（rpm）	±1					
Amplitude（mm）	Φ26（customizable Φ35（20−250rpm/min）、Φ50（20−2000rpm/min）					
Max Capacity (clamp)	100ml*60 or 250ml*38 or 500ml*22 or 1L*16		100ml*100 or 250ml*56 or 500ml*44 or 1L*24		250ml*90 or 500ml*72 or 1000ml*42	
Max Capacity（stick mat）	100ml*60 or 250ml*36 or500ml*24 or 1L*16		100ml*120 or 250ml*70 or 500ml*44 or1L*24		250ml*112 or 500ml*76 or 1000ml*42	
Standard configuration	250ml*24		250ml*28 500ml*22		250ml*45 500ml*36	
Plate Size（mm）	500*360		710*455		950*550	
Timer Range（h/min）	0−9999（with timing function)					
Temperature Range（℃）	Ambient temperature+5−65	4−65（25℃）	Ambient temperature+5−65	4−65（25℃）	Ambient temperature+5−65	4−65（25℃）
Temperature Accuracy（℃）	±0.1					
Temperature Uniformity（℃）	±0.5（37℃）					
Temperature Motion（℃）	≤0.1（37℃）					
Tray Quantity	(2 pieces)					
External Size（mm）	700*580*1280		950*700*1280		1200*800*1630	
Capacity（L）	175		335		580	
Power（W）	600	850	900	1150	1100	1400
Power Supply	AC220±10% 50−60HZ					
Ambient Temperature（℃）	5−30					
Additional Function	Ultra−low start, adjustable start speed, automatic overspeed protection, watchdog timer, parameter memory, call recovery, refrigeration unit overload protection and call delay start, automatic defrost, upper and lower limit over temperature sound and light alarm, automatic stop when the door is opened (optional), with lighting, ultraviolet disinfection function (optional), setting parameter view, monitoring temperature and correction of ambient temperature. Touch screen (optional)					