Features

1.Ultra-silence design keeps it working quiet.

2.Brushless motor cuts down the noise, lengthen the service life, and stabilize the torque output without maintenance.

3.Integrated LCD controller, high accuracy sensor, and precise temperature control.

4.Over-temperature alarm prevents experiment temperature from exceeding setting.

5.Convenient PID control makes it run with data set and time set, automatic changes of rotation direction, automatic shutdown,automatic data backups for power outage, quick start and stop, and motor shaft lock protection.

6.Auxiliary menu control over-temperature alert and deviation calibration.

Specifications

	Model	DIS-O50	DIS-O70R
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	
	Rotary Speed Precision	±1rpm	
	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	
	Oscillating Plate	Spring Wire Rack	
	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-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)	812∗630∗670	923∗730∗683
	Shelf Size (mm)	380∗320	480∗315
	Max capacity of Shelf for single specification(ml/pc)	100ml∗16/250∗10/500∗6	100ml∗28/250∗15/500∗8/1000∗6
	Number of flask clamp as standard (ml/pc)	250∗8	250∗12
	Inside Volume	50L	70L
	Shelf Load Bearing	≤10kg/layer	≤15kg/layer
	Shelf Layer	1	1
	Power Supply (50/60Hz) Current Rating	AC220V/2.5A	AC220V/3.5A
	NW/GW (kg)	25/35	65/85