

## Orbital shaker

◎ Experiment of sample shake in solution, fixation of electrophoretic gel separate band, oscillate shaking of coomassie blue dyeing and decolorization, Immobilization, staining and development of silver nitrate.

### Characteristics:

- Temperature setting, measuring, and running state show on one large LCD screen, with rotary encoder switch.
- The operating parameters can be remembered and protected. automatically resume operation if the power supply cut off.
- 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.



### Main Technical Parameters:

Model		FBS-O10	FBS-O20
Shaking Mode		Cyclotron oscillation	
Function	Amplitude	φ 10mm	φ 20mm
	Rotary Speed Range	100~500rpm	30~250rpm
	Rotary Speed Precision	± 1rpm	
Structure	Out Shell	ABS	
	Motor Type	Brushless motor	
	Tray	Anodizing Alluminum	
	Driving Mode	Four horizontal points	
	Power Rating	0.03kW	
Controller	Cyclotron Control Mode	LCD, PID intelligent control	
	Cyclotron Setting Mode	Rotary coding switch	
	Speed display Mode	LCD display	
	Timer	0 ~ 9999 min ( with timing function )	
	Operation Function	Fixed value operation、timing function、bidirectional automatic switchover、auto stop、quick stop start	
	Speed Sensor	Hoare	
Additional Funciton	Deviation calibration, power-off memory		
Safety Device		Intelligent low speed start, blocking protection	
Specification	Exterior Size (W*L*H)(mm)	365*450*222	
	Packing Size (W*L*H)(mm)	470*550*325	
	Tray Size ( mm )	320*320	
	Load Per Tray	≤5kg	
	Tray Number	1	
	Supply ( 50/60Hz ) Current Rating	AC220V/0.14A	
	NW/GW (kg )	10/15	
Optional Type		Universal spring grid tray Flask Clip Tray 250ml*9/500ml*4	