



Features

1. LED digital display can show the setting parameters directly.
2. The instrument adopt dc motor, use microcomputer to control speed, to achieve high accuracy, and not affected by voltage fluctuations.
3. The instrument is designed with low speed start, avoiding sudden high speed may cause liquid split.
4. The instrument can automatically operate according to the original settings after power get normal from sudden cut off.
5. The instrument can realize fault self-diagnosis by sound and light to prompt the fault location.
6. Each parameter value can be modified in real time under running state.
7. When overloaded, the instrument will automatically stop, ensuring the life and safety of the instrument.
8. Wide voltage range, can be used in the range of AC90-260v.

Specifications

Model	DS-O200	DS-O300	DS-L200	DS-L300	DS-R200	DS-R300	DS-W200	DS-W300
shaking mode	orbital/convolution		liner/reciprocation		rocking		waving /three dimensional	
control	Microcomputer PID control							
display	LED digital display							
amplitude	Φ30		30mm		25mm		3-15"(manual)	
frequency(rpm./min)	15-240		15-240		15-90		15-90	
sensitivity(rpm)	±2		±2		±2		±2	
timer	0-99hours59minutes		0-99hours59minutes		0-99hours59minutes		0-99hours59minutes	
tray size(mm)	250*230	320*265	250*230	320*265	250*230	320*265	250*230	320*265
tray number	1							
overall size(mm)	270*295*160	330*480*160	270*295*160	330*480*160	270*295*170	330*480*220	270*295*170	330*480*180
power	30W							
power supply	AC 90-260V, 50-60HZ							
ambient temperature	-10℃-65℃							



Features

1. Using uniaxial drive balancing technology, machine runs smoothly with low noise;
2. Brushless DC motor, long life, no need maintenance;
3. Overcurrent protection function, automatically cut off power without affecting other equipment;
4. Automatic memory function, after starting up, run according to the last setting;
5. Slow start function to prevent liquid splashing.

Specifications

Model	OS-2000	OS-3000	OS-4000
shake model	convolution/reciprocation		convolution/reciprocation
cyclotron frequency range	25-300rpm		25-300rpm
frequency sensitivity(rpm)	±1		±1
Orbit Diameter(mm)	Φ26		Φ26
standard capacity	9x250ml		12x250ml
size of platform(mm)	330x280		350x350
timing range (continuous available)	0-9999h/min		0-9999h/min
number of platform	1		1
outside dimension (W*D*H) (mm)	350x330x230		510x540x230
power (W)	300		500
power supply	AC220V±10% 50-60HZ		AC220V±10% 50-60HZ
Optional	Double layer, max capacity will be double of standard capacity		
	Max capacity for conical/erlenmeyer flask		
50ml	20	36	49
100ml	16	28	39
250ml	9	12	25
300ml	8	12	20
500ml	6	10	16
1L	3	6	9
2L	/	4	6