

LAB1ST



Mixing



Labfirst Scientific Instruments (Shanghai) Co., Ltd.

Wavester 330

LCD Digital Rocking Shaker

Wavester 250 basic

LED Digital Rocking Shaker

Features

- Rocking motion angle 9°(Wavester 330) and 7°(Wavester 250 basic)
- Two options:
10kg (Wavester 330)and speed range 10-70rpm,
2kg (Wavester 250 basic) and speed range 10-80rpm
- Double LCDs/LEDs for independent display of time and speed
- Continuous or timer operation mode
- Electronic time switching clock: 1min-19h59min
- Wide range of platforms for use with a variety of vessels(Wavester 330)
- Fixed work plate(Wavester 250 basic)
- Simple appearance, save operating space



Wavester 330
























Wavester 250 basic

Applications


Designed for time-dependent and low rpm sensitive shaking applications such as ELISA washes, enzyme immunoassays, protein synthesis, hybridization staining/destaining gels, immunoprecipitation and Western blots, cell culture, pharmaceutical profiling, etc.

Specifications	Wavester 330	Wavester 250 basic
Tilt angle	9°	7°
Max. load capacity(with platform)	10kg	2kg
Motor type	DC motor	DC motor
Motor input power	40W	20W
Motor output power	24W	16W
Speed range	10-70rpm	10-80rpm
Speed display	LCD	LED
Timer display	LCD	LED
Time settings range	1min-19h59min	1min-19h59min
Voltage,Frequency	100-240V, 50/60Hz	100-240V, 50/60Hz
Power	50W	20W
Weight	9kg	3.1kg
Permissible ambient temperature and humidity	5-40°C,80%RH	5-40°C,80%RH
Dimension[W×D×H]	360×410×200mm	294×348×123mm
Protection class	IP21	IP21

Cat. No.	Description	Orbister 330	Recipster 330	Wavester 330	3D-Ster 330	Orbister 250	Recipster 250
 921805	SK330.5, Dish platform with non-slip mat and fixed string (8pcs) Dimension[WxD]: 30x28.5cm	■	■	■	■		
 921806	Silicone mattress for 16x 5~15 mL tubes, use with SK330.5	■	■	■	■		
 921807	Silicone mattress for 6x 50 mL tubes, use with SK330.5	■	■	■	■		
 921812	SK180.4, Dish attachment with non-slip mat Dimension[WxD]: 24x21.5cm					■	■
 921813	SK180.5, Large size dish attachment with non-slip mat Dimension[WxD]: 30x23cm					■	■
 921814	SK180.6, Dish attachment with non-slip mat Dimension[WxD]: 28x28cm					■	■
 921815	Silicone mattress for 10x 5~10 mL tubes					■	■
 921816	Silicone mattress for 4x 50 mL tubes					■	■
 921801	SK330.1, Universal attachment with 4 bars Size: 32x32cm Capacity for flask: 25 mLx21pcs, 50mLx15pcs, 100 mLx12pcs, 250mLx6pcs, 500x4pcs	■	■	■	■		
 921804	SK330.3, Lengthways roller attachment Size: 32x32cm Capacity for flask: 25 mLx21pcs, 50mLx15pcs, 100 mLx12pcs, 250mLx6pcs, 500x4pcs	■	■	■	■		
 921808	SK180.1, Universal attachment with 3 bars Size: 25x24.5cm Capacity for flask: 25 mLx10pcs, 50mLx8pcs, 100 mLx6pcs, 250mLx4pcs, 500x2pcs					■	■
 921811	SK180.3, Lengthways roller attachment Size: 25x24.5cm Capacity for flask: 25 mLx10pcs, 50mLx8pcs, 100 mLx6pcs, 250mLx4pcs, 500x2pcs					■	■

Cat. No.	Description	Orbister 330	Recipster 330	Wavester 330	3D-Ster 330	Orbister 250	Recipster 250
 921802	Bar for SK330.1 universal attachment	■	■	■	■		
 921809	Bar for SK180.1 universal attachment					■	■
 921822	Connect sticks for double dishes shaker	■	■	■	■	■	■
 921803	SK330.2, Fixing clip attachment Size: 32 x 32cm	■	■	■	■		
 921810	SK180.2, Fixing clip attachment Size: 25 x 24cm					■	■
 921817	Fixing clip for flask volume 25mL, used with SK330.2[56pcs] SK180.2[36pcs]	■	■	■	■	■	■
 921818	Fixing clip for flask volume 50mL, used with SK330.2[28pcs] SK180.2[18pcs]	■	■	■	■	■	■
 921819	Fixing clip for flask volume 100 mL, used with SK330.2[28pcs] SK180.2 [18pcs]	■	■	■	■	■	■
 921820	Fixing clip for flask volume 200/250 mL, used with SK330.2[13pcs] SK180.2[8pcs]	■	■	■	■	■	■
 921821	Fixing clip for flask volume 500mL, used with SK330.2[9pcs] SK180.2[8pcs]	■	■	■	■	■	■

Lab1st mixers range can be divided into different series as per mixing speed, working mode, load capacity etc:

Series	Image	Model	Speed Range	Working mode	Capacity
Vortex Mixer		Vortex S	0~3000rpm	Orbital (touch + continuous modes)	-
		Vortex F	3000rpm(fixed)	Orbital (touch + continuous modes)	-
		Vortex E	3000rpm (fixed)	Orbital (touch mode)	-
		Vortex C	0~3000rpm	Orbital (touch + continuous modes)	8x2mL
Microplate Mixer		Microster M	0~1500rpm	Orbital (continuous mode)	0.5Kg
Disk Rotator		Rotaster 3	10~70rpm	360° rolling (timer + continuous)	60x1.5mL, 16x15mL, 8x50mL, (available for 3 layers)
Rotisserie Rotator		Grillster T	10~70rpm	360° rolling (timer + continuous)	48x1.5mL, 24x15mL, 24x50mL
Disk Rotator		Rotaster 1 basic	0~80rpm	360° rolling (continuous)	48x2mL, 16x15mL, 8x50mL
Rotisserie Rotator		Grillster basic	0~80rpm	360° rolling (continuous)	32x2mL, 20x15mL, 16x50mL
Rocker		See-saw 30 basic	0~30rpm	30±3° rocking (continuous)	10x10mL, 4x50mL
		See-saw 30L	0~30rpm	30±3° rocking (continuous)	16x10mL 6x50mL
		See-saw 30D	0~30rpm	40±3° rocking (continuous)	32x10mL, 12x50mL
Roller		Rollster 6	0~70rpm	360° rocking&rolling (timer + continuous)	4Kg
		Rollster 6 basic	0~70rpm	360° rocking&rolling (continuous)	4Kg

Lab1st shaker series can be divided to different types as per different motion models:

Series	Image	Model	Plate Size	Display	Speed Range	Max. Load Capacity
Orbital Shaker		Orbiter 330	32x32cm	LCD	100-500rpm	7.5Kg
		Orbiter 250	25x24.5cm	LCD	100-800rpm	2.5Kg
		Orbiter 330 basic	33.5x33.5cm	LCD	70-400rpm	3Kg
		Orbiter 250 basic	26.8X26.8cm	LED	40-200rpm	2Kg
Linear Shaker		Recipster 330	32x32cm	LCD	100-350rpm	7.5Kg
		Recipster 250	25x24.5cm	LCD	100-350rpm	2.5Kg
Rocking Shaker		Wavester 330	30x28.5cm	LCD	10-70rpm	10Kg
		Wavester 250 basic	26.8x26.8cm	LED	10-80rpm	2Kg
3D Shaker		3D-Ster 330	30x28.5cm	LCD	10-70rpm	5Kg