

Linear Shaker, SK-L180



Linear Shaker, SK-L330



Linear Shaker, SK-L180



Linear Shaker, SK-L330



Specification

Model	SK-L180
Amplitude	4mm
Max. Load Capacity (With Platform)	2.5kg
Motor Type	Brushless DC motor
Motor Input Power	28W
Motor Output Power	15W
Speed Range	100-350rpm
Speed Display	LCD
Timer Display	LCD
Time Settings Range	1min-19h59min
Voltage	100-240V, 50/60Hz
Power	30W
Permissible Ambient Temperature And Humidity	5-40°C, 80%RH
Protection Class	IP21
Data Connector	RS232
External Size (W×D×H)	450×415×150mm
Shipping Size (W×D×H)	450×450×320mm
N.W./G.W.	8/10kg

Specification

Model	SK-L330
Amplitude	10mm
Max. Load Capacity (With Platform)	7.5kg
Motor Type	Brushless DC motor
Motor Input Power	28W
Motor Output Power	15W
Speed Range	100-350rpm
Speed Display	LCD
Timer Display	LCD
Time Settings Range	1min-19h59min
Voltage	100-240V, 50/60Hz
Power	30W
Permissible Ambient Temperature And Humidity	5-40°C, 80%RH
Protection Class	IP21
Data Connector	RS232
External Size (W×D×H)	530×480×170mm
Shipping Size (W×D×H)	600×500×230mm
N.W./G.W.	13/15kg

Orbital Shaker, SK-O180



Orbital Shaker, SK-O180S



Orbital Shaker, SK-O180



Orbital Shaker, SK-O180S



Specification

Model	SK-O180
Orbital Diameter	4mm
Max. Load Capacity (With Platform)	2.5kg
Motor Type	Brushless DC motor
Motor Input Power	28W
Motor Output Power	15W
Speed Range	100-800rpm
Speed Display	LCD
Timer Display	LCD
Time Settings Range	1min-19h59min
Voltage	100-240V, 50/60Hz
Power	30W
Permissible Ambient Temperature And Humidity	5-40 °C , 80%RH
Protection Class	IP21
Data Connector	RS232
External Size (W×D×H)	450×415×150mm
Shipping Size (W×D×H)	450×450×320mm
N.W./G.W.	8/10kg

Specification

Model	SK-O180S
Orbital Diameter	20mm
Max. Load Capacity (With Platform)	2kg
Motor Type	DC motor
Motor Input Power	20W
Motor Output Power	16W
Speed Range	40-200rpm
Speed Display	LED
Timer Display	LED
Time Settings Range	1min-19h59min
Voltage	100-240V, 50/60Hz
Power	20W
Permissible Ambient Temperature And Humidity	5-40 °C , 80%RH
Work Plate Size (W×D)	268×268mm
Protection Class	IP21
External Size (W×D×H)	425×360×205mm
Shipping Size (W×D×H)	435×370×230mm
N.W./G.W.	3.82/4.5kg

Orbital Shaker, SK-O330



Orbital Shaker, SK-O330M



Orbital Shaker, SK-O330

Orbital Shaker, SK-O330M



Specification

Model	SK-O330
Orbital Diameter	10mm
Max. Load Capacity (With Platform)	7.5kg
Motor Type	Brushless DC motor
Motor Input Power	28W
Motor Output Power	15W
Speed Range	100-500rpm
Speed Display	LCD
Timer Display	LCD
Time Settings Range	1min-19h59min
Voltage	100-240V, 50/60Hz
Power	30W
Permissible Ambient Temperature And Humidity	5-40°C, 80%RH
Protection Class	IP21
Data Connector	RS232
External Size (W×D×H)	530×480×170mm
Shipping Size (W×D×H)	600×500×230mm
N.W./G.W.	13.5/14.5kg

Specification

Model	SK-O330M
Orbital Diameter	10mm
Max. Load capacity	3kg
Motor Type	Brushless DC Motor
Motor Input Power	20W
Motor Output Power	15W
Speed Range	70~400rpm
Speed Display	LCD
Timer Display	LCD
Time Setting Range	1~1199min
Voltage	100-240V, 50/60Hz
Power	25W
Permissible Ambient Temperature And Humidity	5~40°C, 80%RH
Protection Class	IP21
External Size (W×D×H)	540×490×150mm
Shipping Size (W×D×H)	560×510×170mm
N.W./G.W.	19/21kg

Accessories



Accessories

Cat.no	Description	SK-O330	SK-L330	SK-L330	SK-L180
SK-O330-1584	Dish platform with non-slip mat and fixed string (8pcs) Dimension[WxD]: 30x28.5cm	√	√		
SK-O330-1585	Silicone mattress for 16x 5-15mL tubes, use with SK330.5	√	√		
SK-O330-1586	Silicone mattress for 6x 50mL tubes, use with SK330.5	√	√		
SK-O180-1568	Dish attachment with non-slip mat Dimension[WxD]: 24x21.5cm			√	√
SK-L180-1538	Large size dish attachment with non-slip mat Dimension[wxD]: 30x23cm			√	√
SK-L180-1539	Dish attachment with non-slip mat Dimension[WxD]: 28x28cm			√	√
SK-L180-1540	Silicone mattress for 10x 5-10mL tubes			√	√
SK-L180-1541	Silicone mattress for 4 x 50mL tubes			√	√
SK-O330-1580	Universal attachment with 4 bars Size: 32x32cm Capacity for flask: 25mLx21pcs 50mLx15pcs,100mLx12pcs, 250mLx6pcs, 500x4pcs	√	√		
SK-O330-1583	Lengthways roller attachment Size: 32x32cm Capacity for flask: 25mLx21pcs 50mLx15pcs,100mLx12pcs, 250mLx6pcs,500x4pcs	√	√		
SK-L180-1533	Universal attachment with 3 bars Size: 25x24.5cm Capacity for flask: 25mLx10pcs, 50mLx8pcs,100mLx6pcs 250mLx4pcs,500x2pcs			√	√
SK-L180-1536	Lengthways roller attachment Size:25x24.5cm Capacity for flask: 25mLx10pcs 50mLx8pcs,100mLx6pcs. 250mLx4pcs,500x2pcs			√	√

Cat.no	Description	SK-O330	SK-L330	SK-L330	SK-L180
SK-O330-1581	Bar for SK330.1 universal attachment	√	√		
SK-O180-1565	Bar for SK180.1 universal attachment			√	√
SK-O330-1592	Connect sticks for double dishes shaker	√	√	√	√
SK-O330-1582	SK330.2. Fixing clip attachment Size: 32 x 32cm	√	√		
SK-O180-1566	SK180.2. Fixing clip attachment Size: 25 x 24cm			√	√
SK-O330-1587	Fixing clip for flask volume 25mL, used with SK330.2[56pcs] SK180.2[36pcs]	√	√	√	√
SK-O330-1588	Fixing cilip for flask volume 50mL, used with SK330.2[28pcs] SK180.2[18pcs]	√	√	√	√
SK-O330-1589	Fixing clip for flask volume 100mL, used with SK330.2[28pcs] SK180.2 [18pcs]	√	√	√	√
SK-O330-1590	Fixing clip for flask volume 200/250mL, used with SK330.2[13pcs] SK180.218pcs]	√	√	√	√
SK-O330-1591	Fixing clip for flask volume 500mL, used with SK330.219pcs] SK180.2(8pcs]	√	√	√	√

Orbital Shaker, SK-O10



Orbital Shaker, SK-O20



Orbital Shaker, SK-O10



Orbital Shaker, SK-O20



Specification

Model	SK-O10
Time Range	1min~99h59min
Speed Range	50~300rpm
Orbit	10mm
Power	50W
Electricity	AC110~240V, 50/60Hz
Max.Load Capacity	2.5kg
External Size (W×D×H)	270×280×110mm
Shipping Size (W×D×H)	400×350×250mm
N.W./G.W.	7/8kg
Type	Description
PP-1	Flat platform for 8pcs petri dish
PP-2	Universal platform with adjustable bars, for 6x100ml or 4x250ml conical flask
PP-3(100ml)	Platform with clamps for 12x100ml conical flask
PP-3(250ml)	Platform with clamps for 6x250ml conical flask

Specification

Model	SK-O20
Timing Range	1min~99h59min
Forwards/Reverse Shaking	Yes
Timing Range For Forwards/Reverse Shaking	0-99min
Timing Range For Pause	0-99sec
Shaking Speed	50~250rpm
Orbit	20mm
Max.Load Capacity	2.5kg
Power	35W
Electricity	AC110~240V, 50/60Hz
External Size (W×D×H)	280×270×110mm
Shipping Size (W×D×H)	480×450×315mm
N.W./G.W.	8.2/9.5kg
Type	Description
PP-1	Flat platform for 8pcs petri dish
PP-2	Universal platform with adjustable bars, for 6x100ml or 4x250ml conical flask
PP-3(100ml)	Platform with clamps for 12x100ml conical flask
PP-3(250ml)	Platform with clamps for 6x250ml conical flask

Rocking Shaker, SK-R330



3D Shaker, SK-D3309



Rocking Shaker, SK-R330

3D Shaker, SK-D3309

Specification

Model	SK-R330
Tilt Angle	9°
Max. Load Capacity (with platform)	10kg
Motor Type	DC motor
Motor Input Power	40W
Motor Output Power	24W
Speed Range	10-70rpm
Speed Display	LCD
Timer Display	LCD
Time Settings Range	1min-19h59min
Voltage	100-240V, 50/60Hz
Power	50W
Permissible Ambient Temperature And Humidity	5-40°C, 80%RH
Protection Class	IP21
External Size (W×D×H)	520×470×330mm
Shipping Size (W×D×H)	540×490×350mm
N.W./G.W.	14/16kg

Specification

Model	SK-D3309
Tilt Angle	9°
Max. Load Capacity (with platform)	5kg
Motor Type	DC motor
Motor Input Power	40W
Motor Output Power	24W
Speed Range	10-70rpm
Speed Display	LCD
Timer Display	LCD
Time Settings Range	1min-19h59min
Voltage	100-240V, 50/60Hz
Permissible Ambient Temperature And Humidity	5-40°C, 80%RH
Protection Class	IP21
External Size (W×D×H)	530×470×360mm
Shipping Size (W×D×H)	550×490×380mm
N.W./G.W.	15.66/17.5kg

### Microplate Incubator Shaker, SK-MHP4



### Microplate Shaker, SK-MP4



Microplate Incubator Shaker, SK-MHP4



#### Description

Adopts micro-processing technology combined with PID control, quickly maintain stability after reaching the target temperature, which can save waiting time and form a micro-plate constant temperature oscillator. Mainly use solutions such as ELISA plates (96-well/384-well plates), cell culture plates (24-well plates, 48-well plates, and 96-well plates each) to mix or incubate cells at an appropriate temperature.

#### Advantage

- The user-friendly interface provides a simple and intuitive experience, displaying real-time running and setting information for easy monitoring.
- Capable of processing four microtiter plates or deep well plates simultaneously, enhancing productivity.
- Utilizes hot cover heating technology for efficient and reliable performance.
- Features an automatic preheating function to streamline the process.
- Equipped with power failure automatic recovery function, ensuring continuity and safety.
- Includes a temperature calibration function for precise and accurate results.

#### Specification

Model	SK-MHP4
Sample Capacity	4 microwell plate or culture Plate
Control Mode	Microprocessing technology combined with PID control
Heating Mode	Heating film
Frequency And Velocity Range Of Oscillation	200~1500rpm
Speed Accuracy	±5%
Amplitude And Parameters Of Oscillation	2mm horizontal rotation
Time Setting	1~99h59min
Temperature Control Range	RT+5~70 °C
Module Temperature Uniformity	≤±0.5%
Temperature Display Accuracy	0.1 °C
Heating Time	≤10min
Maximum Permissible Humidity	80%
Power	250W
Power Supply	220/110V, 50/60Hz
External Size (W×D×H)	350×320×180mm
Shipping Size (W×D×H)	410×380×250mm
N.W./G.W.	8/8.5kg

Microplate Shaker, SK-MP4



#### Advantage

- High-speed shaking and mixing, designed for microplates, suitable for desktop and incubator.
- Standard loading plate for 4 microplates or culture plates.
- LCD display, electronic timing, precise countdown, good repeatability of experiments.
- Gentle shaking ensures that the sample stays in place, effectively increase the specific surface area Continuous mode, short-mixing mode, or timed mode.
- High-quality motor, strong load-bearing capacity, longer service life, suitable for long-term operation or working under different temperature and humidity environments.

#### Specification

Model	SK-MP4
Sample Capacity	4 microwell plate or culture Plate
Frequency And Velocity Range Of Oscillation	200~1500rpm
Speed Accuracy	±5%
Amplitude And Parameters Of Oscillation	2mm horizontal rotation
Time Setting	1~99h59min
Maximum Permissible Humidity	80%
Power	80W
Power Supply	100~240V, 50/60Hz
External Size (W×D×H)	350×320×130mm
Shipping Size (W×D×H)	410×380×250mm
N.W./G.W.	5/5.5kg

Wrist Shaker, SK-810



Single-Layer Shaker, SK-S series



SK-S300



SK-S311



SK-S322

Specification

Specification

Model	SK-810
Control Mode	P. I. D (Microcomputer scans the micro-processing chip)
Display Mode	LCD
Oscillation Mode	Wrist
Drive Mode	Single axis balanced drive type
Ambient Temperature Requirement	15~35 °C
Curve Programing Settings	Programing settings of repetition, steps and eight-section curves
Safety Functions	Independent audible and visual alarm for overspeed, monitoring timer, stand-alone leakage or over-current protection
Additional Functions	clock display, startup after power again, Speed storage, parameter memory, automatic operation, automatic stop, timed operation
Speed Range	30-600r/min
Speed Accuracy	±1r/min
Amplitude Of Rocking Plate	12mm
Timing Range	0-999.59min
Power	80W
Power Supply	AC200~240V,50~60Hz
Material Of Outer Box	Stainless steel main machine, High quality aluminum arm, cast iron frame
External Size (W×D×H)	272×452×320mm(Main machine)
Shipping Size(W×D×H)	550×460×560mm
N.W./G.W.	52/65kg

Model	SK-S300	SK-S311	SK-S322
Specifications	The number of rocking plates in single configuration is highest	The number of rocking plates in single configuration is highest	The number of rocking plates in single configuration is highest
Erlenmeyer Flask	250ml: 30 500ml: 24 1000ml: 15 5000ml: 4	250ml: 54 500ml: 35 1000ml: 24 5000ml: 6	250ml: 96 500ml: 60 1000ml: 40 5000ml: 12

Model	SK-S300	SK-S311	SK-S322
Control Mode	P. I. D (Microcomputer scans the micro-processing chip)		
Display Mode	LCD (large liquid crystal screen)		
Circulation Mode	Natural convection		
Oscillation Mode	Gyratory	Gyratory	
Drive Mode	Balance drive by single shaft		
Ambient Temperature Requirement(°C)	15-35		
Curve Programing Settings	Programing settings of repetition, steps and eight-section curves		
Safety Functions	Automatic running, automatic stop, timing running, clock display, startup after power again, parameter memory, speed storage		
Additional Functions	Monitoring timer, stand-alone over-speed audio/light alarm, stand-alone leakage or over-current protector		
Speed Range (r/min)	30-300		
Speed Accuracy (r/min)	±1		
Amplitude Of Rocking Plate(mm)	50		
Timing Range(min)	0-999.59		
Size Of Rocking Plate(mm)	680×500	840×620	1108×740
Number Of Rocking Plates	1		
Power/w	80	150	
Power Supply	AC200-240V, 50-60Hz		
Material Of Outer Box	High-quality nodular cast iron, channel steel, angle steel, medium plates and cold rolled steel sheets		
External Size (W×D×H)(mm)	680×615×300	900×650×480	1210×795×380
Shipping Size(W×D×H)(mm)	810×760×490	1010×800×640	1320×920×590
N.W./G.W. (kg)	104/120	216/245	323/355

### Double-Layer Shaker, SK-D series



### Three-Layer Shaker, SK-D series



SK-D3112



SK-D3222



Three-layer Shaker, SK-D series

#### Specification

Model	SK-D3112	SK-D3222
Specifications	The number of rocking plates in single configuration is highest	
Erlenmeyer Flask	250ml	108
	500ml	70
	1000ml	48

Model	SK-D3112	SK-D3222
Control Mode	P. I. D (Microcomputer scans the micro-processing chip)	
Display Mode	LCD (large liquid crystal screen)	
Circulation Mode	Natural convection	
Oscillation Mode	Gyratory	
Drive Mode	Balance drive by single shaft	Balance drive by single shaft
Ambient Temperature Requirement( C )	15-35	
Curve Programming Settings	Programming settings of repetition, steps and eight-section curves	
Safety Functions	Automatic running, automatic stop, timing running, clock display, startup after power again, parameter memory, speed storage	
Additional Functions	Monitoring timer, stand-alone over-speed audio/light alarm, stand-alone leakage or over-current protector	
Speed Range(r/min)	30-300	
Speed Accuracy(r/min)	±1	
Amplitude Of Rocking Plate(mm)	50	
Timing Range(min)	0-999.59	
Size Of Rocking Plate(mm)	840×620	1108×740
Number Of Rocking Plates	2	2
Power(kW)	0.25	0.25
Power Supply	AC 200-240V 50-60Hz	
Material Of Outer Box	High-quality nodular cast iron, channel steel, angle steel, medium plates and cold rolled steel sheets	
External Size (W×D×H)(mm)	910×680×820	1270×810×820
Shipping Size(W×D×H)(mm)	1080×800×1030	1350×920×1090
N.W./G.W. (kg)	250/375	400/535

#### Specification

Model	SK-T3432	
Specifications	The number of rocking plates in single configuration is highest	
Erlenmeyer Flask	250ml	450
	500ml	324
	1000ml	168

Model	SK-T3432
Control Mode	P. I. D (Microcomputer scans the micro-processing chip)
Display Mode	LCD (large liquid crystal screen)
Circulation Mode	Natural convection
Oscillation Mode	Gyratory
Drive Mode	Balance drive by Multi-sizeal
Ambient Temperature Requirement( C )	15-35
Curve Programming Settings	Programming settings of repetition, steps and eight-section curves
Safety Functions	Automatic running, automatic stop, timing running, clock display, startup after power again, parameter memory, speed storage
Additional Functions	Monitoring timer, stand-alone over-speed audio/light alarm, stand-alone leakage or over-current protector
Speed Range(r/min)	30-300
Speed Accuracy(r/min)	±1
Amplitude Of Rocking Plate(mm)	50
Plate(mm)	50
Timing Range(min)	0-999.59
Size Of Rocking Plate(mm)	1080×680
Number Of Rocking Plates	6
Power(kW)	1.1
Power Supply	AC 200-240V 50-60Hz
Material Of Outer Box	High-quality nodular cast iron, channel steel, angle steel, medium plates and cold rolled steel sheets
External Size (W×D×H)(mm)	1590×1120×1310
Shipping Size(W×D×H)(mm)	1720×1230×1520
N.W./G.W. (kg)	800/913